



MMP-14 Polyclonal Antibody

Forms a complex with BST2 and localizes to the cytoplasm.		
Reactivity Human;Mouse;Rat Applications WB;IHC;IF;ELISA Gene Name MMP14 Protein Name Matrix metalloproteinase-14 Immunogen The antiserum was produced against synthesized peptide derived from human MMP-14. AA range:471-520 Specificity MMP-14 Polyclonal Antibody detects endogenous levels of MMP-14 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms MMP14; Matrix metalloproteinase-14; MMP-14; MMP-X1; Membrane-type matrix metalloproteinase; 1; MT-MMP 1; MTMMP1; Membrane-type-1 matrix metalloproteinase; MT1-MMP; MT1MMP Observed Band 65kD Cell Pathway Membrane; Single-pass type I membrane protein . Melanosome. Cytoplasm. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Forms a complex with BST2 and localizes to the cytoplasm. Tissue Specificity Expressed in stronal	Catalog No	BYab-02686
Applications WB;IHC;IF;ELISA Gene Name MMP14 Protein Name Matrix metalloproteinase-14 Immunogen The antiserum was produced against synthesized peptide derived from human MMP-14. AA range:471-520 Specificity MMP-14 Polyclonal Antibody detects endogenous levels of MMP-14 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms MMP14; Matrix metalloproteinase-14; MMP-14; MMP-X1; Membrane-type matrix metalloproteinase 1; MT-MMP 1; MTMMP1; Membrane-type-1 matrix metalloproteinases 1; MT-MMP 1; MTMMP1 Membrane-type-1 matrix metalloproteinase; MT1-MMP; MT1MMP Observed Band 65kD Cell Pathway Membrane : Single-pass type I membrane protein . Melanosome. Cytoplasm. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Forms a complex with BST2 and localizes to the cytoplasm. Tissue Specificity Expressed in stromal cells of colon, breast, and head and neck. Expressed in lung tumors. Function catalytic activity: Endopeptidase activity. Activates progelatinase A by cleavage of the propeptide at 37-Asn-I-Leu-38. Other bonds hydrolyzed include 35-GlyI-Ile-36 in the propeptide of collagenase 3, and 341-Asn-I-Phe-342, 441-Asp-I-Phe-342, 441-Asp-I-Phe-342, 441-Asp-I-Phe-342, 441-Asp-I-Phe-342, 441-Asp-I-Phe-342, 441-Asp-I-Phe-342, 441-Asp-I-Phe-342, 441-Asp-I-Phe-343, 0ther bonds hydrolyzed include 35-GlyI-Ile-36 in the propeptide of collagenase 3, and 341-Asn-I-Phe-342, 441-Asp-I-Phe-342, 441-Asp-I-Phe-342, 441-Asp-I-Phe-342, 441-Asp-I-Phe-342, 441-Asp-I-Phe-342, 441-Asp-I-Phe-342, 441-Asp-I-Phe-342, 441-Asp-I-Phe-342, 441-Asp-I-Phe-342, 441-Asp-I-Phe-343, 0ther bonds hydrolyzed include 35-GlyI-Ile-36 in the propeptide of collagenase 3, and 34	Isotype	IgG
Gene Name MMP14 Protein Name Matrix metalloproteinase-14 Immunogen The antiserum was produced against synthesized peptide derived from human MMP-14. AA range:471-520 Specificity MMP-14 Polyclonal Antibody detects endogenous levels of MMP-14 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms MMP14; Matrix metalloproteinase-14; MMP-14; MMP-X1; Membrane-type matrix metalloproteinase; MT1-MMP; MT1MMP Observed Band 65kD Cell Pathway Membrane; Single-pass type I membrane protein. Melanosome. Cytoplasm. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Forms a complex with BST2 and localizes to the cytoplasm. Tissue Specificity Expressed in stromal cells of colon, breast, and head and neck. Expressed in lung tumors. Function calculate to the agree an interglobular domain., cofactor:Binds 1 zinc ion per subunit., cofactor:Calcium., domain: The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc	Reactivity	Human;Mouse;Rat
Protein Name Matrix metalloproteinase-14 Immunogen The antiserum was produced against synthesized peptide derived from human MMP-14. AA range:471-520 Specificity MMP-14 Polyclonal Antibody detects endogenous levels of MMP-14 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms MMP14; Matrix metalloproteinase-14; MMP-14; MMP-X1; Membrane-type matrix metalloproteinase 1; MT-MMP 1; MTMMP1; Membrane-type-1 matrix metalloproteinase; MT1-MMP; MT1MMP Observed Band 65kD Cell Pathway Membrane; Single-pass type I membrane protein . Melanosome. Cytoplasm. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Forms a complex with BST2 and localizes to the cytoplasm. Tissue Specificity Expressed in stromal cells of colon, breast, and head and neck. Expressed in lung tumors. Function catalytic activity: Endopeptidase activity. Activates progelatinase A by cleavage of the propeptide a	Applications	WB;IHC;IF;ELISA
Immunogen The antiserum was produced against synthesized peptide derived from human MMP-14. AA range:471-520 Specificity MMP-14 Polyclonal Antibody detects endogenous levels of MMP-14 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms MMP14; Matrix metalloproteinase-14; MMP-14; MMP-X1; Membrane-type matrix metalloproteinase 1; MT-MMP 1; MTMMP1; Membrane-type-1 matrix metalloproteinase; MT1-MMP; MT1MMP Observed Band 65kD Cell Pathway Membrane ; Single-pass type I membrane protein . Melanosome. Cytoplasm. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Forms a complex with BST2 and localizes to the cytoplasm. Tissue Specificity Expressed in stromal cells of colon, breast, and head and neck. Expressed in lung tumors. Function catalytic activity: Endopeptidase activity. Activates progelatinase A by cleavage of the propeptide at 37-Asn-I-Leu-38. Other bonds hydrolyzed include 35-Gly-I-lle-36 in the propeptide of collag	Gene Name	MMP14
MMP-14. AA range:471-520 Specificity MMP-14 Polyclonal Antibody detects endogenous levels of MMP-14 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms MMP14; Matrix metalloproteinase-14; MMP-14; MMP-X1; Membrane-type matrix metalloproteinase 1; MT-MMP 1; MTMMP1; Membrane-type-1 matrix metalloproteinase; MT1-MMP; MT1MMP Observed Band 65kD Cell Pathway Membrane; Single-pass type I membrane protein . Melanosome. Cytoplasm. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Forms a complex with BST2 and localizes to the cytoplasm. Tissue Specificity Expressed in stromal cells of colon, breast, and head and neck. Expressed in lung tumors. Function catalytic activity: Endopeptidase activity. Activates progelatinase A by cleavage of the propeptide at 37-Asn-I-Leu-38. Other bonds hydrolyzed include 35-Gly-Ille-36 in the propeptide of collagenase 3, and 31-Asn-I-Phe-342, 441-Asp-I-Leu-42 and 354-Gln-I-Thr-355 in the aggreean interglobular domain. cofactor:Binds 1 zinc ion per subunit, cofactor:Caclum, domain. The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc	Protein Name	Matrix metalloproteinase-14
Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms MMP14; Matrix metalloproteinase-14; MMP-14; MMP-X1; Membrane-type matrix metalloproteinase 1; MT-MMP 1; MTMMP1; Membrane-type-1 matrix metalloproteinase; MT1-MMP; MT1MMP Observed Band 65kD Cell Pathway Membrane; Single-pass type I membrane protein . Melanosome. Cytoplasm. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Forms a complex with BST2 and localizes to the cytoplasm. Tissue Specificity Expressed in stromal cells of colon, breast, and head and neck. Expressed in lung tumors. Function catalytic activity:Endopeptidase activity. Activates progelatinase A by cleavage of the propeptide at 37-Asn-I-Leu-38. Other bonds hydrolyzed include 35-Gly-Ille-36 in the propeptide of collagenase 3, and 341-Asn-I-Phe-342, 441-Asp-I-Leu-442 and 354-Gln-I-Thr-355 in the aggrecan interglobular domain., cofactor:Calcium.,domain:The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc	Immunogen	
Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms MMP14; Matrix metalloproteinase-14; MMP-14; MMP-X1; Membrane-type matrix metalloproteinase 1; MT-MMP 1; MTMMP1; Membrane-type-1 matrix metalloproteinase; MT1-MMP; MT1MMP Observed Band 65kD Cell Pathway Membrane ; Single-pass type I membrane protein . Melanosome. Cytoplasm. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Forms a complex with BST2 and localizes to the cytoplasm. Tissue Specificity Expressed in stromal cells of colon, breast, and head and neck. Expressed in lung tumors. Function catalytic activity:Endopeptidase activity. Activates progelatinase A by cleavage of the propeptide at 37-Asn-I-Leu-38. Other bonds hydrolyzed include 35-Giyl-I-le-342, 441-Asp-I-Leu-442 and 354-Gln-I-Thr-355 in the aggrecan interglobular domain. cofactor:Binds 1 zinc ion per subunit. cofactor:Calcium. domain:The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc	Specificity	MMP-14 Polyclonal Antibody detects endogenous levels of MMP-14 protein.
Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms MMP14; Matrix metalloproteinase-14; MMP-14; MMP-X1; Membrane-type matrix metalloproteinase 1; MT-MMP 1; MTMMP1; Membrane-type-1 matrix metalloproteinase; MT1-MMP; MT1MMP Observed Band 65kD Cell Pathway Membrane ; Single-pass type I membrane protein . Melanosome. Cytoplasm. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Forms a complex with BST2 and localizes to the cytoplasm. Tissue Specificity Expressed in stromal cells of colon, breast, and head and neck. Expressed in lung tumors. Function catalytic activity:Endopeptidase activity. Activates progelatinase A by cleavage of the propeptide at 37-Asn-I-Leu-38. Other bonds hydrolyzed include 35-Gly-I-Ile-36 in the propeptide of collagenase 3, and 341-Asn-I-Phe-342, 441-Asp-I-Leu-442 and 354-Gln-I-Thr-355 in the aggrecan interglobular domain., cofactor:Binds 1 zinc ion per subunit., cofactor:Calcium.,domain:The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc	Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
affinity-chromatography using epitope-specific immunogen. Dilution WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms MMP14; Matrix metalloproteinase-14; MMP-14; MMP-X1; Membrane-type matrix metalloproteinase 1; MT-MMP 1; MTMMP1; Membrane-type-1 matrix metalloproteinase; MT1-MMP; MT1MMP Observed Band 65kD Cell Pathway Membrane ; Single-pass type I membrane protein . Melanosome. Cytoplasm. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Forms a complex with BST2 and localizes to the cytoplasm. Tissue Specificity Expressed in stromal cells of colon, breast, and head and neck. Expressed in lung tumors. Function catalytic activity:Endopeptidase activity. Activates progelatinase A by cleavage of the propeptide at 37-Asn-I-Leu-38. Other bonds hydrolyzed include 35-Gly-I-lle-36 in the propeptide of collagenase 3, and 341-Asn-I-Phe-342, 441-Asp-I-Leu-442 and 354-Gln-I-Thr-355 in the aggrecan interglobular domain.,cofactor:Binds 1 zinc ion per subunit.,cofactor:Calcium.,domain:The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc	Source	Polyclonal, Rabbit,IgG
Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms MMP14; Matrix metalloproteinase-14; MMP-14; MMP-X1; Membrane-type matrix metalloproteinase 1; MT-MMP 1; MTMMP1; Membrane-type-1 matrix metalloproteinase; MT1-MMP; MT1MMP Observed Band 65kD Cell Pathway Membrane ; Single-pass type I membrane protein . Melanosome. Cytoplasm. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Forms a complex with BST2 and localizes to the cytoplasm. Tissue Specificity Expressed in stromal cells of colon, breast, and head and neck. Expressed in lung tumors. Function catalytic activity:Endopeptidase activity. Activates progelatinase A by cleavage of the propeptide at 37-Asn- -Leu-38. Other bonds hydrolyzed include 35-Gly- -Ile-36 in the propeptide of collagenase 3, and 341-Asn- -Phe-342, 441-Asp- -Leu-442 and 354-Gln- -Thr-355 in the aggrecan interglobular domain., cofactor:Binds 1 zinc ion per subunit., cofactor:Calcium.,domain:The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc	Purification	
Purity ≥90% Storage Stability -20°C/1 year MMP14; Matrix metalloproteinase-14; MMP-14; MMP-X1; Membrane-type matrix metalloproteinase 1; MT-MMP 1; MTMMP1; Membrane-type-1 matrix metalloproteinase; MT1-MMP; MT1MMP Observed Band 65kD Cell Pathway Membrane ; Single-pass type I membrane protein . Melanosome. Cytoplasm. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Forms a complex with BST2 and localizes to the cytoplasm. Tissue Specificity Expressed in stromal cells of colon, breast, and head and neck. Expressed in lung tumors. Function catalytic activity:Endopeptidase activity. Activates progelatinase A by cleavage of the propeptide at 37-Asn- -Leu-38. Other bonds hydrolyzed include 35-Gly- -lle-36 in the propeptide of collagenase 3, and 341-Asn- -Phe-342, 441-Asp- -Leu-442 and 354-Gln- -Thr-355 in the aggrecan interglobular domain.,cofactor:Binds 1 zinc ion per subunit.,cofactor:Calcium.,domain:The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc	Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000 IF 1:50-200
Storage Stability -20°C/1 year MMP14; Matrix metalloproteinase-14; MMP-14; MMP-X1; Membrane-type matrix metalloproteinase 1; MT-MMP 1; MTMMP1; Membrane-type-1 matrix metalloproteinase; MT1-MMP; MT1MMP Observed Band 65kD Cell Pathway Membrane; Single-pass type I membrane protein. Melanosome. Cytoplasm. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Forms a complex with BST2 and localizes to the cytoplasm. Tissue Specificity Expressed in stromal cells of colon, breast, and head and neck. Expressed in lung tumors. Function catalytic activity:Endopeptidase activity. Activates progelatinase A by cleavage of the propeptide at 37-Asn-I-Leu-38. Other bonds hydrolyzed include 35-Gly-I-lle-36 in the propeptide of collagenase 3, and 341-Asn-I-Phe-342, 441-Asp-I-Leu-442 and 354-Gln-I-Thr-355 in the aggrecan interglobular domain, cofactor:Binds 1 zinc ion per subunit, cofactor:Calcium, domain:The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc	Concentration	4 va er/eal
Synonyms MMP14; Matrix metalloproteinase-14; MMP-14; MMP-X1; Membrane-type matrix metalloproteinase 1; MT-MMP 1; MTMMP1; Membrane-type-1 matrix metalloproteinase; MT1-MMP; MT1MMP Observed Band 65kD Membrane; Single-pass type I membrane protein. Melanosome. Cytoplasm. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Forms a complex with BST2 and localizes to the cytoplasm. Tissue Specificity Expressed in stromal cells of colon, breast, and head and neck. Expressed in lung tumors. Function catalytic activity:Endopeptidase activity. Activates progelatinase A by cleavage of the propeptide at 37-Asn- -Leu-38. Other bonds hydrolyzed include 35-Gly- -lle-36 in the propeptide of collagenase 3, and 341-Asn- -Phe-342, 441-Asp- -Leu-442 and 354-Gln- -Thr-355 in the aggrecan interglobular domain.,cofactor:Binds 1 zinc ion per subunit.,cofactor:Calcium.,domain:The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc	Concentration	i mg/mi
metalloproteinase 1; MT-MMP 1; MTMMP1; Membrane-type-1 matrix metalloproteinase; MT1-MMP; MT1MMP Observed Band 65kD Membrane; Single-pass type I membrane protein. Melanosome. Cytoplasm. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Forms a complex with BST2 and localizes to the cytoplasm. Tissue Specificity Expressed in stromal cells of colon, breast, and head and neck. Expressed in lung tumors. Function catalytic activity:Endopeptidase activity. Activates progelatinase A by cleavage of the propeptide at 37-Asn- -Leu-38. Other bonds hydrolyzed include 35-Gly- -lle-36 in the propeptide of collagenase 3, and 341-Asn- -Phe-342, 441-Asp- -Leu-442 and 354-Gln- -Thr-355 in the aggrecan interglobular domain.,cofactor:Binds 1 zinc ion per subunit,cofactor:Calcium.,domain:The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc		-
Cell Pathway Membrane; Single-pass type I membrane protein. Melanosome. Cytoplasm. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Forms a complex with BST2 and localizes to the cytoplasm. Expressed in stromal cells of colon, breast, and head and neck. Expressed in lung tumors. Function catalytic activity: Endopeptidase activity. Activates progelatinase A by cleavage of the propeptide at 37-Asn- -Leu-38. Other bonds hydrolyzed include 35-Gly- -lle-36 in the propeptide of collagenase 3, and 341-Asn- -Phe-342, 441-Asp- -Leu-442 and 354-Gln- -Thr-355 in the aggrecan interglobular domain., cofactor: Binds 1 zinc ion per subunit., cofactor: Calcium., domain: The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc	Purity	≥90%
Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Forms a complex with BST2 and localizes to the cytoplasm. Expressed in stromal cells of colon, breast, and head and neck. Expressed in lung tumors. Function catalytic activity:Endopeptidase activity. Activates progelatinase A by cleavage of the propeptide at 37-Asn- -Leu-38. Other bonds hydrolyzed include 35-Gly- -lle-36 in the propeptide of collagenase 3, and 341-Asn- -Phe-342, 441-Asp- -Leu-442 and 354-Gln- -Thr-355 in the aggrecan interglobular domain.,cofactor:Binds 1 zinc ion per subunit.,cofactor:Calcium.,domain:The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc	Purity Storage Stability	≥90% -20°C/1 year MMP14; Matrix metalloproteinase-14; MMP-14; MMP-X1; Membrane-type matrix metalloproteinase 1; MT-MMP 1; MTMMP1; Membrane-type-1 matrix
tumors. Function catalytic activity:Endopeptidase activity. Activates progelatinase A by cleavage of the propeptide at 37-Asn- -Leu-38. Other bonds hydrolyzed include 35-Gly- -lle-36 in the propeptide of collagenase 3, and 341-Asn- -Phe-342, 441-Asp- -Leu-442 and 354-Gln- -Thr-355 in the aggrecan interglobular domain.,cofactor:Binds 1 zinc ion per subunit.,cofactor:Calcium.,domain:The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc	Purity Storage Stability Synonyms	≥90% -20°C/1 year MMP14; Matrix metalloproteinase-14; MMP-14; MMP-X1; Membrane-type matrix metalloproteinase 1; MT-MMP 1; MTMMP1; Membrane-type-1 matrix metalloproteinase; MT1-MMP; MT1MMP
the propeptide at 37-Asn- -Leu-38. Other bonds hydrolyzed include 35-Gly- -lle-36 in the propeptide of collagenase 3, and 341-Asn- -Phe-342, 441-Asp- -Leu-442 and 354-Gln- -Thr-355 in the aggrecan interglobular domain.,cofactor:Binds 1 zinc ion per subunit.,cofactor:Calcium.,domain:The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc	Purity Storage Stability Synonyms Observed Band	≥90% -20°C/1 year MMP14; Matrix metalloproteinase-14; MMP-14; MMP-X1; Membrane-type matrix metalloproteinase 1; MT-MMP 1; MTMMP1; Membrane-type-1 matrix metalloproteinase; MT1-MMP; MT1MMP 65kD Membrane; Single-pass type I membrane protein . Melanosome. Cytoplasm. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.
	Purity Storage Stability Synonyms Observed Band Cell Pathway	≥90% -20°C/1 year MMP14; Matrix metalloproteinase-14; MMP-14; MMP-X1; Membrane-type matrix metalloproteinase 1; MT-MMP 1; MTMMP1; Membrane-type-1 matrix metalloproteinase; MT1-MMP; MT1MMP 65kD Membrane; Single-pass type I membrane protein. Melanosome. Cytoplasm. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Forms a complex with BST2 and localizes to the cytoplasm. Expressed in stromal cells of colon, breast, and head and neck. Expressed in lung

Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com 官方热线: 025-5229-8998 监督电话: 15950492658



国内优质抗体供应商 精准的 WB 检测服务 24H 在线服务,欢迎咨询

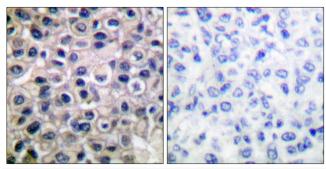


	upon the activation-peptide release activates the enzyme.,function:Seems to specifically activate progelatinase A. May thus trigger invasion by tumor cells by activating progelatinase A on the tumor cell surface.,PTM:The precursor is cleaved by a furin endopeptidase.,similarity:Belongs to the peptidase M10A family.,similarity:Contains 4 hemopexin-like domains.,s
Background	Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. However, the protein encoded by this gene is a member of the membrane-type MMP (MT-MMP) subfamily; each member of this subfamily contains a potential transmembrane domain suggesting that these proteins are expressed at the cell surface rather than secreted. This protein activates MMP2 protein, and this activity may be involved in tumor invasion. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

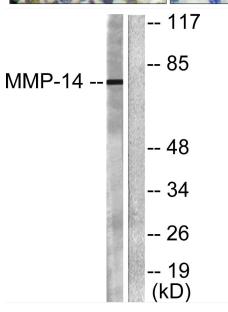




Products Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using MMP-14 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from NIH/3T3 cells, using MMP-14 Antibody. The lane on the right is blocked with the synthesized peptide.