



## PAPP1 Polyclonal Antibody

Catalog No         BYab-07160           Isotype         IgG           Reactivity         Human;Mouse           Applications         WB;ELISA           Gene Name         PAPPA           Protein Name         Pappalysin-1 (EC 3.4,24.79) (Insulin-like growth factor-dependent IGF-binding protein 4 protease) (IGF-dependent IGFBP-4 protease) (IGFBP-4ase) (Pregnancy-associated plasma protein A) (PAPP-A)           Immunogen         Synthesized peptide derived from human protein . at AA range: 30-110           Specificity         PAPP1 Polyclonal Antibody detects endogenous levels of protein.           Formulation         Liquid in PBS containing 50% glycerol, 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 1:500-2000 ELISA 1:5000-20000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         Observed Band         178kD           Cell Pathway         Secreted .           Tissue Specificity         High levels in placenta and pregnancy serum. In placenta, expressed in X cells in septa and anchoring villi, and in syncytiotrophoblasts in the chorionic villi. Lower levels are found in a variety of other tissues in		
Reactivity Human;Mouse  Applications WB;ELISA  Gene Name PAPPA  Protein Name Pappalysin-1 (EC 3.4.24.79) (Insulin-like growth factor-dependent IGF-binding protein 4 protease) (IGF-dependent IGFBP-4 protease) (IGFBP-4ase)    Immunogen	Catalog No	BYab-07160
Applications WB;ELISA  Gene Name PAPPA  Protein Name Pappalysin-1 (EC 3.4.24.79) (Insulin-like growth factor-dependent IGF-binding protein 4 protease) (IGF-dependent IGFBP-4 protease) (IGFBP-4ase) (Pregnancy-associated plasma protein A) (PAPP-A)  Immunogen Synthesized peptide derived from human protein . at AA range: 30-110  Specificity PAPP1 Polyclonal Antibody detects endogenous levels of protein.  Formulation Liquid in PBS containing 50% glycerol, 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 1:500-2000 ELISA 1:5000-20000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band 178kD  Cell Pathway Secreted .  High levels in placenta and pregnancy serum. In placenta, expressed in X cells in septa and anchoring villi, and in syncytiotrophoblasts in the chorionic villi. Lower levels are found in a variety of other tissues including kidney, myometrium, endometrium, ovaries, breast, prostate, bone marrow, colon, fibroblasts and osteoblasts.  Function catalytic activity: Cleavage of the 135-Met- -Lys-136 bond in insulin-like growth factor binding protein (IGFBP)-4, and the 143-Ser- -Lys-144 bond in IGFBP-5, cofactor: Binds 1 zinc ion per subunit, developmental stage: Present in serum and placental during pregnancy; levels in crease throughout pregnancy, enzyme regulation: Inhibited by complexation with the proform of PRG2, function: Metalloproteinase which specifically cleaves IGFBP-4 and	Isotype	IgG
Gene Name         PAPPA           Protein Name         Pappalysin-1 (EC 3.4.24.79) (Insulin-like growth factor-dependent IGF-binding protein 4 protease) (IGF-dependent IGFBP-4 protease) (IGFBP-4ase) (Pregnancy-associated plasma protein A) (PAPP-A)           Immunogen         Synthesized peptide derived from human protein . at AA range: 30-110           Specificity         PAPP1 Polyclonal Antibody detects endogenous levels of protein.           Formulation         Liquid in PBS containing 50% glycerol, 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 1:500-2000 ELISA 1:5000-20000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms           Observed Band         178kD           Cell Pathway         Secreted .           Tissue Specificity         High levels in placenta and pregnancy serum. In placenta, expressed in X cells in septa and anchoring villi, and in syncytotrophoblasts in the chorionic villi. Lower levels are found in a variety of other tissues including kidney, myometrium, endometrium, ovaries, breast, prostate, bone marrow, colon, fibroblasts and osteoblasts.           Function         Crips Ps-5, cofactor:Binds 1 zinc on per subunit, developmental stage. Present in serum and p	Reactivity	Human;Mouse
Protein Name Pappalysin-1 (EC 3.4.24.79) (Insulin-like growth factor-dependent IGF-binding protein 4 protease) (IGF-dependent IGFBP-4 protease) (IGFBP-4ase) (Pregnancy-associated plasma protein A) (PAPP-A)  Immunogen Synthesized peptide derived from human protein . at AA range: 30-110  Specificity PAPP1 Polyclonal Antibody detects endogenous levels of protein.  Formulation Liquid in PBS containing 50% glycerol, 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 1:500-2000 ELISA 1:5000-20000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band 178kD  Cell Pathway Secreted .  High levels in placenta and pregnancy serum. In placenta, expressed in X cells in septa and anchoring villi, and in syncytiotrophoblasts in the chorionic villi. Lower levels are found in a variety of other tissues including kidney, myometrium, endometrium, ovaries, breast, prostate, bone marrow, colon, fibroblasts and osteoblasts.  Function catalytic activity: Cleavage of the 135-Met-]-Lys-136 bond in insulin-like growth factor binding protein (IGFBP)-4, and the 143-Ser-]-Lys-144 bond in IGFBP-5, cofactor:Binds 1 zinc ion per subunit, developmental stage: Present in serum and placenta during pregnancy; levels increase throughout pregnancy, enzyme regulation:Inhibited by complexation with the proform of PRG2. (Intention: Netallogroteinase which specifically cleaves IGFBP-4 and	Applications	WB;ELISA
protein 4 protease) (IGF-dependent IGFBP-4 protease) (IGFBP-4ase) (Pregnancy-associated plasma protein A) (PAPP-A) (IGFBP-4ase) (PAPP-A) (IGFBP-4ase) (PAPP-A) (IGFBP-4ase) (PAPP-A) (IGFBP-4ase) (PAPP-A) (IGFBP-A) (IGFB	Gene Name	PAPPA
Specificity PAPP1 Polyclonal Antibody detects endogenous levels of protein.  Formulation Liquid in PBS containing 50% glycerol, 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 1:500-2000 ELISA 1:5000-20000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band 178kD  Cell Pathway Secreted.  Tissue Specificity High levels in placenta and pregnancy serum. In placenta, expressed in X cells in septa and anchoring villi, and in syncytiotrophoblasts in the chorionic villi. Lower levels are found in a variety of other tissues including kidney, myometrium, endometrium, ovaries, breast, prostate, bone marrow, colon, fibroblasts and osteoblasts.  Function catalytic activity:Cleavage of the 135-Met- -Lys-136 bond in insulin-like growth factor binding protein (IGFBP)-4, and the 143-Ser- -Lys-144 bond in IGFBP-5, cofactor:Binds 1 zinc ion per subunit., developmental stage:Present in serum and placenta during pregnancy; levels increase throughout pregnancy, enzyme regulation:Inhibited by complexation with the proform of PRG2_function.Metalloproteinase which specifically cleaves IGFBP-4 and	Protein Name	Pappalysin-1 (EC 3.4.24.79) (Insulin-like growth factor-dependent IGF-binding protein 4 protease) (IGF-dependent IGFBP-4 protease) (IGFBP-4ase) (Pregnancy-associated plasma protein A) (PAPP-A)
Formulation  Liquid in PBS containing 50% glycerol, 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 1:500-2000 ELISA 1:5000-20000  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  Observed Band  178kD  Cell Pathway  Secreted .  Tissue Specificity  High levels in placenta and pregnancy serum. In placenta, expressed in X cells in septa and anchoring villi, and in syncytiotrophoblasts in the chorionic villi. Lower levels are found in a variety of other tissues including kidney, myometrium, endometrium, ovaries, breast, prostate, bone marrow, colon, fibroblasts and osteoblasts.  Function  catalytic activity: Cleavage of the 135-Met- -Lys-136 bond in insulin-like growth factor binding protein (IGFBP)-4, and the 143-Ser- -Lys-144 bond in IGFBP-5, cofactor:Binds 1 zinc ion per subunit; developmental stage: Present in serum and placenta during pregnancy; levels increase throughout pregnancy, enzyme regulation:Inhibited by complexation with the proform of PRG2., function:Metalloproteinase which specifically cleaves IGFBP-4 and	Immunogen	Synthesized peptide derived from human protein . at AA range: 30-110
Source Polyclonal, Rabbit,IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000 ELISA 1:5000-20000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band 178kD  Cell Pathway Secreted.  High levels in placenta and pregnancy serum. In placenta, expressed in X cells in septa and anchoring villi, and in syncytiotrophoblasts in the chorionic villi. Lower levels are found in a variety of other tissues including kidney, myometrium, endometrium, ovaries, breast, prostate, bone marrow, colon, fibroblasts and osteoblasts.  Function catalytic activity:Cleavage of the 135-Met- -Lys-136 bond in insulin-like growth factor binding protein (IGFBP)-4, and the 143-Ser- -Lys-144 bond in IGFBP-5, cofactor-Binds 1 zinc ion per subunit, developmental stage:Present in serum and placenta during pregnancy; levels increase throughout pregnancy, enzyme regulation:Inhibited by complexation with the proform of PRG2, function: Metalloproteinase which specifically cleaves IGFBP-4 and	Specificity	PAPP1 Polyclonal Antibody detects endogenous levels of protein.
Purification  The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB 1:500-2000 ELISA 1:5000-20000  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  Observed Band  178kD  Cell Pathway  Secreted .  High levels in placenta and pregnancy serum. In placenta, expressed in X cells in septa and anchoring villi, and in syncytiotrophoblasts in the chorionic villi. Lower levels are found in a variety of other tissues including kidney, myometrium, endometrium, ovaries, breast, prostate, bone marrow, colon, fibroblasts and osteoblasts.  Function  catalytic activity:Cleavage of the 135-Met- -Lys-136 bond in insulin-like growth factor binding protein (IGFBP)-4, and the 143-Ser- -Lys-144 bond in IGFBP-5-, coractor:Binds 1 zinc ion per subunit, developmental stage:Present in serum and placenta during pregnancy; levels increase throughout pregnancyenzyme regulation:Inhibited by complexation with the proform of PRG2, function:Metalloproteinase which specifically cleaves IGFBP-4 and	Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000 ELISA 1:5000-20000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band 178kD  Cell Pathway Secreted.  Tissue Specificity High levels in placenta and pregnancy serum. In placenta, expressed in X cells in septa and anchoring villi, and in syncytiotrophoblasts in the chorionic villi. Lower levels are found in a variety of other tissues including kidney, myometrium, ovaries, breast, prostate, bone marrow, colon, fibroblasts and osteoblasts.  Function catalytic activity: Cleavage of the 135-Met- -Lys-136 bond in insulin-like growth factor binding protein (IGFBP)-4, and the 143-Ser- -Lys-144 bond in Insulin-like growth factor binding protein (IGFBP)-4, and the 143-Ser- -Lys-144 bond in serum and placenta during pregnancy; levels increase throughout pregnancy, enzyme regulation:Inhibited by complexation with the proform of PRG2.,function:Metalloproteinase which specifically cleaves IGFBP-4 and	Source	Polyclonal, Rabbit,IgG
Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band 178kD  Cell Pathway Secreted.  Tissue Specificity High levels in placenta and pregnancy serum. In placenta, expressed in X cells in septa and anchoring villi, and in syncytiotrophoblasts in the chorionic villi. Lower levels are found in a variety of other tissues including kidney, myometrium, endometrium, ovaries, breast, prostate, bone marrow, colon, fibroblasts and osteoblasts.  Function catalytic activity:Cleavage of the 135-Met- -Lys-136 bond in insulin-like growth factor binding protein (IGFBP)-4, and the 143-Ser- -Lys-144 bond in IGFBP-5.,cofactor:Binds 1 zinc ion per subunit.,developmental stage:Present in serum and placenta during pregnancy; levels increase throughout pregnancy, enzyme regulation:Inhibited by complexation with the proform of PRG2, function:Metalloproteinase which specifically cleaves IGFBP-4 and	Purification	
Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band 178kD  Cell Pathway Secreted .  Tissue Specificity High levels in placenta and pregnancy serum. In placenta, expressed in X cells in septa and anchoring villi, and in syncytiotrophoblasts in the chorionic villi. Lower levels are found in a variety of other tissues including kidney, myometrium, endometrium, ovaries, breast, prostate, bone marrow, colon, fibroblasts and osteoblasts.  Function catalytic activity:Cleavage of the 135-Met- -Lys-136 bond in insulin-like growth factor binding protein (IGFBP)-4, and the 143-Ser- -Lys-144 bond in IGFBP-5.,cofactor:Binds 1 zinc ion per subunit.,developmental stage:Present in serum and placenta during pregnancy; levels increase throughout pregnancy.,enzyme regulation:Inhibited by complexation with the proform of PRG2.,function:Metalloproteinase which specifically cleaves IGFBP-4 and	Dilution	WB 1:500-2000 ELISA 1:5000-20000
Storage Stability  -20°C/1 year  Synonyms  Observed Band  178kD  Cell Pathway  Secreted.  High levels in placenta and pregnancy serum. In placenta, expressed in X cells in septa and anchoring villi, and in syncytiotrophoblasts in the chorionic villi. Lower levels are found in a variety of other tissues including kidney, myometrium, endometrium, ovaries, breast, prostate, bone marrow, colon, fibroblasts and osteoblasts.  Function  catalytic activity:Cleavage of the 135-Met- -Lys-136 bond in insulin-like growth factor binding protein (IGFBP)-4, and the 143-Ser- -Lys-144 bond in IGFBP-5.,cofactor:Binds 1 zinc ion per subunit.,developmental stage:Present in serum and placenta during pregnancy; levels increase throughout pregnancy,.enzyme regulation:Inhibited by complexation with the proform of PRG2.,function:Metalloproteinase which specifically cleaves IGFBP-4 and	Concentration	1 mg/ml
Synonyms  Observed Band  178kD  Cell Pathway  Secreted.  High levels in placenta and pregnancy serum. In placenta, expressed in X cells in septa and anchoring villi, and in syncytiotrophoblasts in the chorionic villi. Lower levels are found in a variety of other tissues including kidney, myometrium, endometrium, ovaries, breast, prostate, bone marrow, colon, fibroblasts and osteoblasts.  Function  catalytic activity:Cleavage of the 135-Met- -Lys-136 bond in insulin-like growth factor binding protein (IGFBP)-4, and the 143-Ser- -Lys-144 bond in IGFBP-5.,cofactor:Binds 1 zinc ion per subunit.,developmental stage:Present in serum and placenta during pregnancy; levels increase throughout pregnancy.,enzyme regulation:Inhibited by complexation with the proform of PRG2.,function:Metalloproteinase which specifically cleaves IGFBP-4 and	Purity	≥90%
Observed Band         178kD           Cell Pathway         Secreted .           Tissue Specificity         High levels in placenta and pregnancy serum. In placenta, expressed in X cells in septa and anchoring villi, and in syncytiotrophoblasts in the chorionic villi. Lower levels are found in a variety of other tissues including kidney, myometrium, endometrium, ovaries, breast, prostate, bone marrow, colon, fibroblasts and osteoblasts.           Function         catalytic activity:Cleavage of the 135-Met- -Lys-136 bond in insulin-like growth factor binding protein (IGFBP)-4, and the 143-Ser- -Lys-144 bond in IGFBP-5.,cofactor:Binds 1 zinc ion per subunit.,developmental stage:Present in serum and placenta during pregnancy; levels increase throughout pregnancy.,enzyme regulation:Inhibited by complexation with the proform of PRG2.,function:Metalloproteinase which specifically cleaves IGFBP-4 and	Storage Stability	-20°C/1 year
Cell Pathway  Secreted .  High levels in placenta and pregnancy serum. In placenta, expressed in X cells in septa and anchoring villi, and in syncytiotrophoblasts in the chorionic villi. Lower levels are found in a variety of other tissues including kidney, myometrium, endometrium, ovaries, breast, prostate, bone marrow, colon, fibroblasts and osteoblasts.  Function  catalytic activity:Cleavage of the 135-Met- -Lys-136 bond in insulin-like growth factor binding protein (IGFBP)-4, and the 143-Ser- -Lys-144 bond in IGFBP-5.,cofactor:Binds 1 zinc ion per subunit.,developmental stage:Present in serum and placenta during pregnancy; levels increase throughout pregnancy.,enzyme regulation:Inhibited by complexation with the proform of PRG2.,function:Metalloproteinase which specifically cleaves IGFBP-4 and	Synonyms	
Tissue Specificity  High levels in placenta and pregnancy serum. In placenta, expressed in X cells in septa and anchoring villi, and in syncytiotrophoblasts in the chorionic villi. Lower levels are found in a variety of other tissues including kidney, myometrium, endometrium, ovaries, breast, prostate, bone marrow, colon, fibroblasts and osteoblasts.  Function  catalytic activity:Cleavage of the 135-Met- -Lys-136 bond in insulin-like growth factor binding protein (IGFBP)-4, and the 143-Ser- -Lys-144 bond in IGFBP-5.,cofactor:Binds 1 zinc ion per subunit.,developmental stage:Present in serum and placenta during pregnancy; levels increase throughout pregnancy.,enzyme regulation:Inhibited by complexation with the proform of PRG2.,function:Metalloproteinase which specifically cleaves IGFBP-4 and	Observed Band	178kD
septa and anchoring villi, and in syncytiotrophoblasts in the chorionic villi. Lower levels are found in a variety of other tissues including kidney, myometrium, endometrium, ovaries, breast, prostate, bone marrow, colon, fibroblasts and osteoblasts.  Function  catalytic activity:Cleavage of the 135-Met- -Lys-136 bond in insulin-like growth factor binding protein (IGFBP)-4, and the 143-Ser- -Lys-144 bond in IGFBP-5.,cofactor:Binds 1 zinc ion per subunit.,developmental stage:Present in serum and placenta during pregnancy; levels increase throughout pregnancy.,enzyme regulation:Inhibited by complexation with the proform of PRG2.,function:Metalloproteinase which specifically cleaves IGFBP-4 and	Cell Pathway	Secreted .
factor binding protein (IĞFBP)-4, and the 143-Ser- -Lys-144 bond in IGFBP-5.,cofactor:Binds 1 zinc ion per subunit.,developmental stage:Present in serum and placenta during pregnancy; levels increase throughout pregnancy.,enzyme regulation:Inhibited by complexation with the proform of PRG2.,function:Metalloproteinase which specifically cleaves IGFBP-4 and	Tissue Specificity	septa and anchoring villi, and in syncytiotrophoblasts in the chorionic villi. Lower levels are found in a variety of other tissues including kidney, myometrium, endometrium, ovaries, breast, prostate, bone marrow, colon, fibroblasts and
	Function	factor binding protein (IGFBP)-4, and the 143-Ser- -Lys-144 bond in IGFBP-5.,cofactor:Binds 1 zinc ion per subunit.,developmental stage:Present in serum and placenta during pregnancy; levels increase throughout pregnancy.,enzyme regulation:Inhibited by complexation with the proform of PRG2.,function:Metalloproteinase which specifically cleaves IGFBP-4 and

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



enhanced by the presence of IGF, whereas cleavage of IGFBP-5 is slightly inhibited by the presence of IGF.,induction:By 8-bromoadenosine-3',5'-phosphate.,PTM:There appear to be no free sulfhydryl groups.,similarity:Belongs to the peptidase M43B family.,similarity:Contains 5 Sushi (CCP/SCR) domains.,subunit:Homodimer; disulfide-linked. In pregnancy serum, predominantly found as a
This gene encodes a secreted metalloproteinase which cleaves insulin-like growth factor binding proteins (IGFBPs). It is thought to be involved in local proliferative processes such as wound healing and bone remodeling. Low plasma level of this protein has been suggested as a biochemical marker for pregnancies with aneuploid fetuses. [provided by RefSeq, Jul 2008],
Avoid repeated freezing and thawing!
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Nanjing BYabscience technology Co.,Ltd