



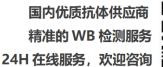
SYFA rabbit pAb

Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit serum by affinity-chromatograusing specific immunogen. Dilution WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band Cell Pathway Cytoplasm . Tissue Specificity Function catalytic activity:ATP + L-phenylalanine + tRNA(Phe) = AMP + diphosphate L-phenylalanyl-tRNA(Phe), similarity:Belongs to the class-II aminoacyl-tRN synthetase family, synthetase family. Selongs to the class-II aminoacyl-tRNA synthetase family by the tRNA synthetase alpha chain type 2 subfamily. subunit. Tetrame two alpha and two beta chains., Background Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs wicognate amino acids. This gene encodes a product which is similar to the casubunit of prokaryotic and Saccharomyces cerevisiae phenylalanyl-tRNA		
Reactivity Human; Mouse;Rat Applications WB;ELISA;IHC Gene Name FARSA FARS FARSL FARSLA Protein Name SYFA Immunogen Synthesized peptide derived from human SYFA AA range: 331-381 Specificity This antibody detects endogenous levels of SYFA at Human/Mouse/Rat Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide Source Polyclonal, Rabbit,lgG Purification The antibody was affinity-purified from rabbit serum by affinity-chromatogra using specific immunogen. Dilution WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band Cell Pathway Cytoplasm . Tissue Specificity Function catalytic activity:ATP + L-phenylalanine + tRNA(Phe) = AMP + diphosphate L-phenylalanyl-tRNA(Phe), similarity:Belongs to the class-II aminoacyl-tRNA synthetase alpha chain type 2 subfamily., subunit:Tetrame two alpha and two beta chains., Background Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs withognate and two beta chains., Background Aminoacyl-tRNA syntheta	Catalog No	BYab-11583
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Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms -20°C/1 year Observed Band Cell Pathway Cell Pathway Cytoplasm . Tissue Specificity Function catalytic activity:ATP + L-phenylalanine + tRNA(Phe) = AMP + diphosphate L-phenylalanyl-tRNA(Phe)., similarity:Belongs to the class-II aminoacyl-tRNA synthetase family., similarity:Belongs to the class-II aminoacyl-tRNA synthetase alpha chain type 2 subfamily., subunit:Tetrametwo alpha and two beta chains., Background Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs wire cognate amino acids. This gene encodes a product which is similar to the current cognate amino acids. This gene encodes a product which is similar to the current cognate amino acids. This gene encodes cerevisiae phenylalanyl-tRNA	Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band Cell Pathway Cytoplasm . Tissue Specificity Function catalytic activity:ATP + L-phenylalanine + tRNA(Phe) = AMP + diphosphate L-phenylalanyl-tRNA(Phe).,similarity:Belongs to the class-II aminoacyl-tRNA synthetase family.,similarity:Belongs to the class-II aminoacyl-tRNA synthetase alpha chain type 2 subfamily.,subunit:Tetrametwo alpha and two beta chains., Background Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs witcognate amino acids. This gene encodes a product which is similar to the csubunit of prokaryotic and Saccharomyces cerevisiae phenylalanyl-tRNA	Dilution	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
Storage Stability Synonyms Observed Band Cell Pathway Cytoplasm . Tissue Specificity Function catalytic activity:ATP + L-phenylalanine + tRNA(Phe) = AMP + diphosphate L-phenylalanyl-tRNA(Phe), similarity:Belongs to the class-II aminoacyl-tRN synthetase family, similarity:Belongs to the class-II aminoacyl-tRNA synthetase family. Phe-tRNA synthetase alpha chain type 2 subfamily. subunit:Tetrame two alpha and two beta chains., Background Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with cognate amino acids. This gene encodes a product which is similar to the casubunit of prokaryotic and Saccharomyces cerevisiae phenylalanyl-tRNA	Concentration	1 mg/ml
Synonyms Observed Band Cell Pathway Cytoplasm . Tissue Specificity Function catalytic activity:ATP + L-phenylalanine + tRNA(Phe) = AMP + diphosphate L-phenylalanyl-tRNA(Phe).,similarity:Belongs to the class-II aminoacyl-tRNA synthetase family.,similarity:Belongs to the class-II aminoacyl-tRNA synthetase family. Phe-tRNA synthetase alpha chain type 2 subfamily.,subunit:Tetrametwo alpha and two beta chains., Background Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with cognate amino acids. This gene encodes a product which is similar to the cosputation of prokaryotic and Saccharomyces cerevisiae phenylalanyl-tRNA	Purity	≥90%
Cell Pathway Cytoplasm . Tissue Specificity Function catalytic activity:ATP + L-phenylalanine + tRNA(Phe) = AMP + diphosphate L-phenylalanyl-tRNA(Phe).,similarity:Belongs to the class-II aminoacyl-tRNA synthetase family.,similarity:Belongs to the class-II aminoacyl-tRNA synthetamily. Phe-tRNA synthetase alpha chain type 2 subfamily.,subunit:Tetrametwo alpha and two beta chains., Background Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs wire cognate amino acids. This gene encodes a product which is similar to the casubunit of prokaryotic and Saccharomyces cerevisiae phenylalanyl-tRNA	Storage Stability	-20°C/1 year
Cell Pathway Cytoplasm . Tissue Specificity Function catalytic activity:ATP + L-phenylalanine + tRNA(Phe) = AMP + diphosphate L-phenylalanyl-tRNA(Phe).,similarity:Belongs to the class-II aminoacyl-tRNA synthetase family.,similarity:Belongs to the class-II aminoacyl-tRNA synthetamily. Phe-tRNA synthetase alpha chain type 2 subfamily.,subunit:Tetrame two alpha and two beta chains., Background Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs wire cognate amino acids. This gene encodes a product which is similar to the casubunit of prokaryotic and Saccharomyces cerevisiae phenylalanyl-tRNA	Synonyms	
Tissue Specificity Function catalytic activity:ATP + L-phenylalanine + tRNA(Phe) = AMP + diphosphate L-phenylalanyl-tRNA(Phe).,similarity:Belongs to the class-II aminoacyl-tRNA synthetase family.,similarity:Belongs to the class-II aminoacyl-tRNA synthetase alpha chain type 2 subfamily.,subunit:Tetrame two alpha and two beta chains., Background Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs wire cognate amino acids. This gene encodes a product which is similar to the casulunit of prokaryotic and Saccharomyces cerevisiae phenylalanyl-tRNA	Observed Band	
Function catalytic activity:ATP + L-phenylalanine + tRNA(Phe) = AMP + diphosphate L-phenylalanyl-tRNA(Phe).,similarity:Belongs to the class-II aminoacyl-tRNA synthetase family.,similarity:Belongs to the class-II aminoacyl-tRNA synthetase alpha chain type 2 subfamily.,subunit:Tetrame two alpha and two beta chains., Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs wire cognate amino acids. This gene encodes a product which is similar to the casubunit of prokaryotic and Saccharomyces cerevisiae phenylalanyl-tRNA	Cell Pathway	Cytoplasm .
L-phénylalanyl-tRNA(Phe).,similarity:Belongs to the class-II aminoacyl-tRN synthetase family.,similarity:Belongs to the class-II aminoacyl-tRNA synthetase alpha chain type 2 subfamily.,subunit:Tetrame two alpha and two beta chains., Background Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs wire cognate amino acids. This gene encodes a product which is similar to the casubunit of prokaryotic and Saccharomyces cerevisiae phenylalanyl-tRNA	Tissue Specificity	
cognate amino acids. This gene encodes a product which is similar to the ca subunit of prokaryotic and Saccharomyces cerevisiae phenylalanyl-tRNA	Function	catalytic activity:ATP + L-phenylalanine + tRNA(Phe) = AMP + diphosphate + L-phenylalanyl-tRNA(Phe).,similarity:Belongs to the class-II aminoacyl-tRNA synthetase family.,similarity:Belongs to the class-II aminoacyl-tRNA synthetase family. Phe-tRNA synthetase alpha chain type 2 subfamily.,subunit:Tetramer of two alpha and two beta chains.,
tumor-selective and cell cycle stage- and differentiation-dependent manner	Background	Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. This gene encodes a product which is similar to the catalytic subunit of prokaryotic and Saccharomyces cerevisiae phenylalanyl-tRNA synthetases (PheRS). This gene product has been shown to be expressed in a tumor-selective and cell cycle stage- and differentiation-dependent manner, the first member of the tRNA synthetase gene family shown to exhibit this type of

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regulated expression [provided by RefSeq, Jul 2008],

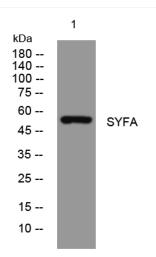
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attention			

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



Western blot analysis of lysates from CACO2 cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

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