



SYFA rabbit pAb

Catalog No	YP-Ab-11583
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	WB; ELISA; IHC
Gene Name	FARSA FARS FARSL FARSLA
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, IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography 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	Phenylalanine--tRNA ligase alpha subunit; FARSLA; FARSL; FARS; EC:6.1.1.20; SYFA; FARSA FARS FARSL FARSLA
Observed Band	
Calculated Molecular Weight	
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: Tetramer of two alpha and two beta chains.,
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 regulated expression [provided by RefSeq, Jul 2008],

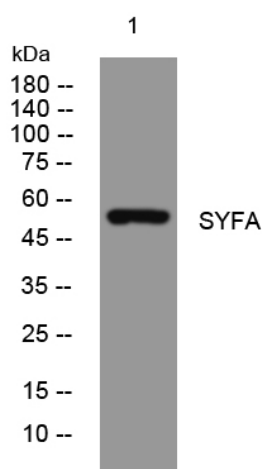
matters needing attention

Avoid repeated freezing and thawing!

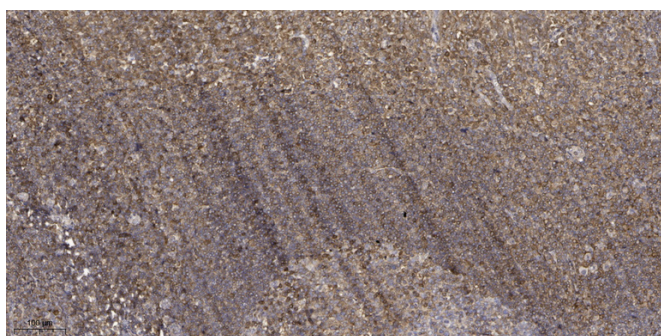
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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).