



SYFB Polyclonal Antibody

Catalog No	YP-Ab-07800
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	FARSB FARSLB FRSB HSPC173
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SYFB 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	FARSLB;FRSB;HSPC173;NEDBLLA;PheHB;PheRS;RILDBC;RILDBC1;RJBS; SYFB_HUMAN;FARSB;Phenylalanyl-tRNA synthetase beta subunit (PheRS); 6.1.1.20;phenylalanyl-tRNA synthetase subunit beta;phenylalanyl-tRNA synthetase-like;beta subunit;phenylalanine tRNA ligase 1;beta;cytoplasmic; SYFB;FARSB FARSLB FRSB HSPC173;Phenylalanine--tRNA ligase beta subunit (EC 6.1.1.20) (Phenylalanyl-tRNA synthetase beta subunit) (PheRS)
Observed Band	66 kDa
Calculated Molecular Weight	66 kDa
Cell Pathway	Cytoplasm .
Tissue Specificity	Lung,Testis,Umbilical cord blood,
Function	catalytic activity:ATP + L-phenylalanine + tRNA(Phe) = AMP + diphosphate + L-phenylalanyl-tRNA(Phe).,similarity:Belongs to the phenylalanyl-tRNA synthetase beta chain family. Type 2 subfamily.,subunit:Tetramer of two alpha and two beta chains.,
Background	This gene encodes a highly conserved enzyme that belongs to the aminoacyl-tRNA synthetase class IIc subfamily. This enzyme comprises the regulatory beta subunits that form a tetramer with two catalytic alpha subunits. In the presence

of ATP, this tetramer is responsible for attaching L-phenylalanine to the terminal adenosine of the appropriate tRNA. A pseudogene located on chromosome 10 has been identified. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015],

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