10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

FARSLB Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56074

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC
Primary Accession	Q9NSD9
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	66116
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FARSLB
Epitope Specificity	101-200/589
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm.
SIMILARITY	Belongs to the phenylalanyl-tRNA synthetase beta chain family. Type 2 subfamily. Contains 1 B5 domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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. [provided by RefSeq, Jul 2008]

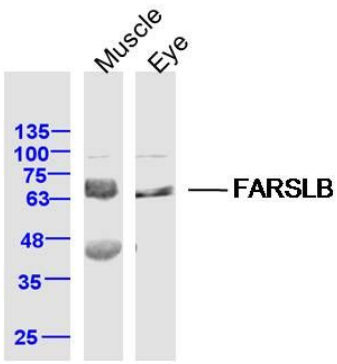
Additional Information

Gene ID	10056
Other Names	Phenylalanine--tRNA ligase beta subunit, 6.1.1.20, Phenylalanyl-tRNA synthetase beta subunit, PheRS, FARSB, FARSLB, FRSB
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	FARSB
Synonyms	FARSLB, FRSB
Cellular Location	Cytoplasm.

Images



Sample:
Muscle (Mouse) Lysate at 40 ug
Eye (Mouse) Lysate at 40 ug
Primary: Anti-FARSLB (AP56074) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 66 kD
Observed band size: 66 kD