

Rabbit anti-Human FARSB Polyclonal Antibody | anti-FARSB antibody

FARSB Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284446	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

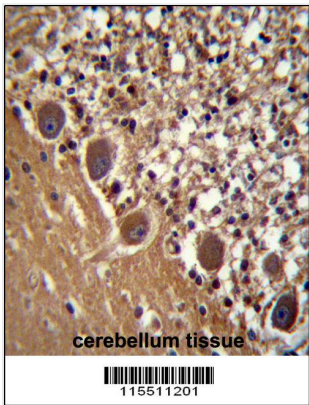
PRODUCT SYNONYMS

FARSB; Polyclonal Antibody; FARSB Antibody (C-term); Phenylalanine--tRNA ligase beta subunit; Phenylalanyl-tRNA synthetase beta subunit; PheRS; FARSLB; FRSB; anti-FARSB antibody

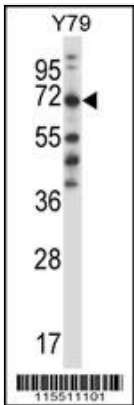
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FARSB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 535-564 amino acids from the C-terminal region of human FARSB.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	535-564
Sequence Length	490
Applicable Applications for anti-FARSB antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
FARSF Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human cerebellum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of ANKS1B FARSF Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
FARSF Antibody (C-term) western blot analysis in Y79 cell line lysates (35ug/lane).This demonstrates the FARSF antibody detected the FARSF protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-FARSF antibody	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.
References	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Finarov, I., et al. Structure 18(3):343-353(2010) Yu, X.Y., et al. Bioorg. Med. Chem. Lett. 14(5):1339-1342(2004) Vasil'eva, I.A., et al. Biochemistry Mosc. 69(2):143-153(2004) Moor, N., et al. Biochemistry 42(36):10697-10708(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	124028525
NCBI GeneID	10056
NCBI Accession #	NP_005678.3
NCBI GenBank Nucleotide #	NM_005687.4
UniProt Accession #	Q9NSD9; O95708; Q4ZFX1; Q57ZJ5; Q9NZZ6; B4DFM0
Molecular Weight	66116
NCBI Official Full Name	phenylalanine--tRNA ligase beta subunit
NCBI Official Synonym Full Names	phenylalanyl-tRNA synthetase, beta subunit
NCBI Official Symbol	FARSF
NCBI Official Synonym Symbols	FRSF; PheHB; PheRS; FARSLB; HSPC173
NCBI Protein Information	phenylalanine--tRNA ligase beta subunit
UniProt Protein Name	Phenylalanine--tRNA ligase beta subunit
UniProt Gene Name	FARSF

UniProt Synonym Gene Names	FARSLB; FRSB; PheRS
UniProt Entry Name	SYFB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/farsb-antibody-immunohistochemistry-western-blot-elisa/284446>