

Rabbit FARSA Polyclonal Antibody | anti-FARSA antibody

FARSA Antibody (N-term)

CATALOG # AAA288779	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse, Rat)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

FARSA; Polyclonal Antibody; FARSA Antibody (N-term); Phenylalanine--tRNA ligase alpha subunit; CML33; Phenylalanyl-tRNA synthetase alpha subunit; PheRS; FARS; FARSL; FARSLA; anti-FARSA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FARSA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 54-83 amino acids from the N-terminal region of human FARSA.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	54-83
Sequence Length	508
Applicable Applications for anti-FARSA 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 (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with FARSA antibody (N-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of anti-FARSA Pab in K562 cell line lysates (35ug/lane).FARSA (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-FARSA antibody	Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. FARSA is similar to the catalytic subunit of prokaryotic and Saccharomyces cerevisiae phenylalanyl-tRNA synthetases (PheRS). This protein 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.
References	Gevaert,K., Nat. Biotechnol. 21 (5), 566-569 (2003) Moor,N.,Protein Expr. Purif. 24 (2), 260-267 (2002) Sen,S., Proc. Natl. Acad. Sci. U.S.A. 94 (12), 6164-6169 (1997)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758340
NCBI GeneID	2193
NCBI Accession #	NP_004452.1
NCBI GenBank Nucleotide #	NM_004461.2
UniProt Accession #	Q9Y285; Q9NSD8; Q9Y4W8; B4E363
Molecular Weight	57564
NCBI Official Full Name	phenylalanine--tRNA ligase alpha subunit
NCBI Official Synonym Full Names	phenylalanyl-tRNA synthetase, alpha subunit
NCBI Official Symbol	FARSA
NCBI Official Synonym Symbols	FRSA; CML33; FARSL; PheHA; FARSLA
NCBI Protein Information	phenylalanine--tRNA ligase alpha subunit
UniProt Protein Name	Phenylalanine--tRNA ligase alpha subunit
UniProt Gene Name	FARSA
UniProt Synonym Gene Names	FARS; FARSL; FARSLA; PheRS
UniProt Entry Name	SYFA_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/farsa-antibody-immunohistochemistry-western-blot-elisa/288779>