

Rabbit anti-Human, Rat Phenylalanyl tRNA Synthetase 2 Polyclonal Antibody | anti-FARS2 antibody

Polyclonal Antibody to Phenylalanyl tRNA Synthetase 2, Mitochondrial (FARS2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145678	Rabbit	Human, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

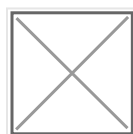
PRODUCT SYNONYMS

Phenylalanyl tRNA Synthetase 2; Polyclonal Antibody; Polyclonal Antibody to Phenylalanyl tRNA Synthetase 2; Mitochondrial (FARS2); FARSL; FRS; HSPC173; PheH; PheRS; FARS1; Phenylalanine-tRNA Synthetase 1; Phenylalanine tRNA Ligase 2; anti-FARS2 antibody

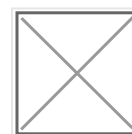
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against FARS2. It has been selected for its ability to recognize FARS2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN ₃ , 50% glycerol.
Concentration	0.51mg/ml (varies by lot)
Applicable Applications for anti-FARS2 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	FARS2 (Met1~Phe472)
Conjugate	No Conjugate
Cross Reactivity	Human, Rat
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant FARS2 (Met1~Phe472) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemiluminescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

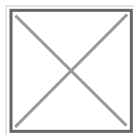
IMAGES



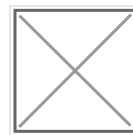
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Rat Kidney Tissue



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin- embedded stomach tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant protein.

**WB (Western Blot)**

Western Blot: Sample: Human Hela cell lysate; Primary Ab: 3ug/ml Rabbit Anti-Rat FARS2
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	61557070
NCBI GeneID	306879
NCBI Accession #	NP_001013157.1
NCBI GenBank Nucleotide #	NM_001013139.1
UniProt Accession #	Q6AYQ3
Molecular Weight	55,165 Da
NCBI Official Full Name	phenylalanine--tRNA ligase, mitochondrial
NCBI Official Synonym Full Names	phenylalanyl-tRNA synthetase 2, mitochondrial
NCBI Official Symbol	Fars2
NCBI Official Synonym Symbols	Fars1
NCBI Protein Information	phenylalanine--tRNA ligase, mitochondrial
UniProt Protein Name	Phenylalanine--tRNA ligase, mitochondrial
UniProt Gene Name	Fars2
UniProt Synonym Gene Names	Fars1; PheRS

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/phenylalanyl-trna-synthetase-2-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145678>