

Rabbit anti-Human AARS2 Polyclonal Antibody | anti-AARS2 antibody

AARS2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280608	Rabbit	Human	Immunohistochemistry, Western Blot

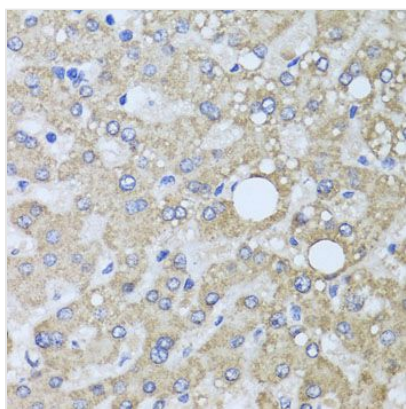
PRODUCT SYNONYMS

AARS2; Polyclonal Antibody; AARS2 Polyclonal Antibody; anti-AARS2 antibody

PRODUCT SPECIFICATIONS

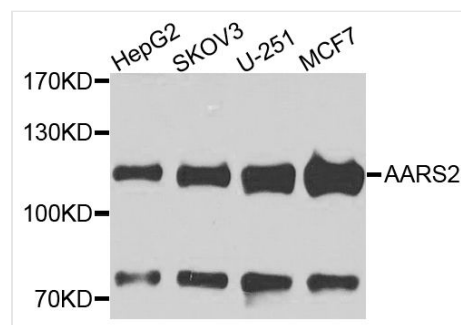
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	985
Applicable Applications for anti-AARS2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human AARS2
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver injury using AARS2 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using AARS2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 20s.

ADDITIONAL INFORMATION

Related Product Information for anti-AARS2 antibody	The protein encoded by this gene belongs to the class-II aminoacyl-tRNA synthetase family. Aminoacyl-tRNA synthetases play critical roles in mRNA translation by charging tRNAs with their cognate amino acids. The encoded protein is a mitochondrial enzyme that specifically aminoacylates alanyl-tRNA. Mutations in this gene are a cause of combined oxidative phosphorylation deficiency 8.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38569417
NCBI GeneID	57505
NCBI Accession #	NP_065796.1
NCBI GenBank Nucleotide #	NM_020745.3
UniProt Accession #	Q5JTZ9; Q8N198; Q96D02; Q9ULF0; A2RRN5
Molecular Weight	107kDa
NCBI Official Full Name	alanine--tRNA ligase, mitochondrial
NCBI Official Synonym Full Names	alanyl-tRNA synthetase 2, mitochondrial
NCBI Official Symbol	AARS2
NCBI Official Synonym Symbols	AARSL; LKENP; COXPD8; MTALARS; MT-ALARS
NCBI Protein Information	alanine--tRNA ligase, mitochondrial
UniProt Protein Name	Alanine--tRNA ligase, mitochondrial
UniProt Gene Name	AARS2
UniProt Synonym Gene Names	AlaRS
UniProt Entry Name	SYAM_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/aars2-antibody-immunohistochemistry-western-blot-elisa/280608>