

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

AARS2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306073	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

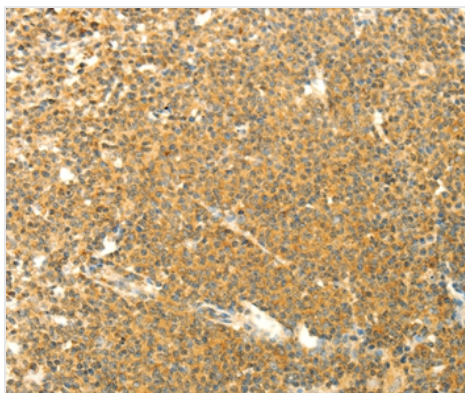
PRODUCT SYNONYMS

AARS2; Polyclonal Antibody; AARS2 Antibody; AARSL; COXPD8; MTALARS; MT-ALARS; anti-AARS2 antibody

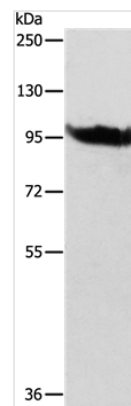
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total AARS2 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.3 mg/ml (varies by lot)
Sequence Length	985
Applicable Applications for anti-AARS2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human Alanyl-tRNA synthetase 2, mitochondrial
Target Name	AARS2
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human lymphoma tissue using at dilution 1/40.


Application Data

Gel: 8%SDS-PAGE Lysate: 40ug SP20 cell Primary antibody: 1/600 dilution Secondary antibody dilution: 1/8000 Exposure time: 15 seconds

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. Catalyzes the attachment of alanine to tRNA(Ala) in a two-step reaction: alanine is first activated by ATP to form Ala-AMP and then transferred to the acceptor end of tRNA(Ala). Also edits incorrectly charged tRNA(Ala) via its editing domain
Product Categories/Family for anti-AARS2 antibody	Total protein Ab

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	107,340 Da
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/aars2-antibody-immunohistochemistry-western-blot-elisa/306073>