

Rabbit AARS Polyclonal Antibody | anti-AARS antibody

AARS Polyclonal Antibody

CATALOG # AAA170150	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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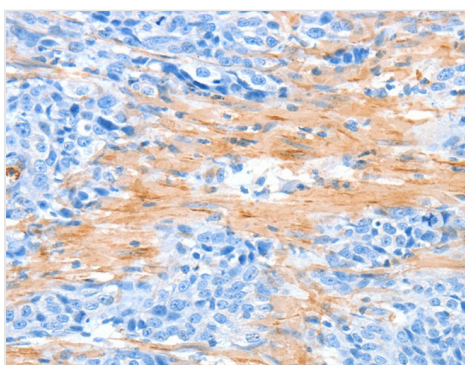
PRODUCT SYNONYMS

AARS; Polyclonal Antibody; AARS Polyclonal Antibody; CMT2N; anti-AARS antibody

PRODUCT SPECIFICATIONS

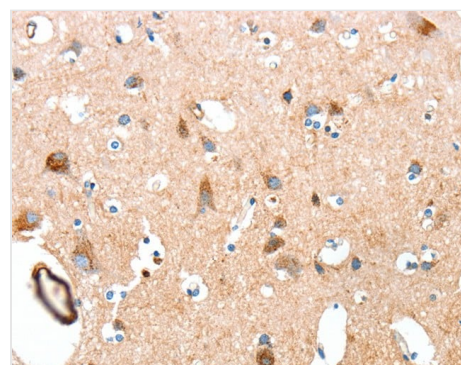
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.7mg/mL (varies by lot)
Sequence Length	968
Applicable Applications for anti-AARS antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human AARS
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



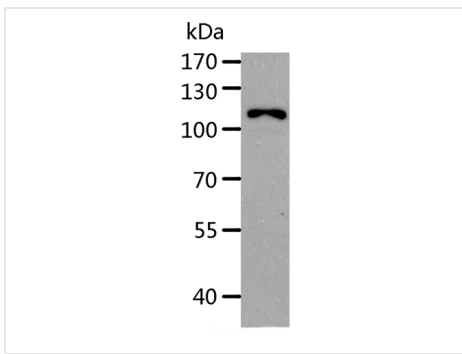
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer using AARS Polyclonal Antibody at dilution of 1:50



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain using AARS Polyclonal Antibody at dilution of 1:50



WB (Western Blot)

Western Blot analysis of K562 cell using AARS Polyclonal Antibody at dilution of 1:283

ADDITIONAL INFORMATION

Related Product Information for anti-AARS antibody

The human alanyl-tRNA synthetase (AARS) belongs to a family of tRNA synthetases, of the class II enzymes. Class II tRNA synthetases evolved early in evolution and are highly conserved. This is reflected by the fact that 498 of the 968-residue polypeptide human AARS shares 41% identity with the E. coli protein. tRNA synthetases are the enzymes that interpret the RNA code and attach specific amino acids to the tRNAs that contain the cognate trinucleotide anticodons. They consist of a catalytic domain which interacts with the amino acid acceptor-T psi C helix of the tRNA, and a second domain which interacts with the rest of the tRNA structure.

NCBI AND UNIPROT INFORMATION

NCBI GI #	109148542
NCBI GeneID	16
NCBI Accession #	NP_001596.2
NCBI GenBank Nucleotide #	NM_001605.2
Molecular Weight	109,317 Da
NCBI Official Full Name	alanine--tRNA ligase, cytoplasmic
NCBI Official Synonym Full Names	alanyl-tRNA synthetase
NCBI Official Symbol	AARS
NCBI Official Synonym Symbols	CMT2N
NCBI Protein Information	alanine--tRNA ligase, cytoplasmic; AARS; alaRS; alanine tRNA ligase 1, cytoplasmic; alanyl-tRNA synthetase, cytoplasmic; renal carcinoma antigen NY-REN-42
UniProt Protein Name	Alanine--tRNA ligase, cytoplasmic
UniProt Gene Name	AARS
UniProt Entry Name	SYAC_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/aars-antibody-immunohistochemistry-western-blot-elisa/170150>