

Rabbit HARS2 Polyclonal Antibody | anti-HARS2 antibody

HARS2 Polyclonal Antibody

CATALOG # AAA280462	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

HARS2; Polyclonal Antibody; HARS2 Polyclonal Antibody; anti-HARS2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	481
Applicable Applications for anti-HARS2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human HARS2
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



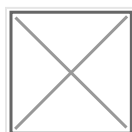
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using HARS2 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using HARS2 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using HARS2 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: 5s.

ADDITIONAL INFORMATION

Related Product Information for anti-HARS2 antibody	Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. The protein encoded by this gene is an enzyme belonging to the class II family of aminoacyl-tRNA synthetases. Functioning in the synthesis of histidyl-transfer RNA, the enzyme plays an accessory role in the regulation of protein biosynthesis. The gene is located in a head-to-head orientation with HARS on chromosome five, where the homologous genes likely share a bidirectional promoter. Mutations in this gene are associated with the pathogenesis of Perrault syndrome, which involves ovarian dysgenesis and sensorineural hearing loss. Alternative splicing results in multiple transcript variants of this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	523567531
NCBI GeneID	23438
NCBI Accession #	NP_001265660.1
NCBI GenBank Nucleotide #	NM_001278731.1
UniProt Accession #	P49590; B4DDY8
Molecular Weight	57kDa
NCBI Official Full Name	probable histidine--tRNA ligase, mitochondrial isoform 2
NCBI Official Synonym Full Names	histidyl-tRNA synthetase 2, mitochondrial
NCBI Official Symbol	HARS2
NCBI Official Synonym Symbols	HO3; HARSL; HARSR; PRLTS2
NCBI Protein Information	probable histidine--tRNA ligase, mitochondrial
UniProt Protein Name	Probable histidine--tRNA ligase, mitochondrial
UniProt Gene Name	HARS2
UniProt Synonym Gene Names	HARSL; HARSR; HO3; HisRS
UniProt Entry Name	SYHM_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/hars2-antibody-immunohistochemistry-western-blot-elisa/280462>