

Rabbit anti-Human, mouse Probable histidine--tRNA ligase, mitochondrial Polyclonal Antibody | anti-HARS2 antibody

Rabbit anti-human Probable histidine--tRNA ligase, mitochondrial polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229759	Rabbit	Human, mouse	Immunohistochemistry, Western Blot, ELISA

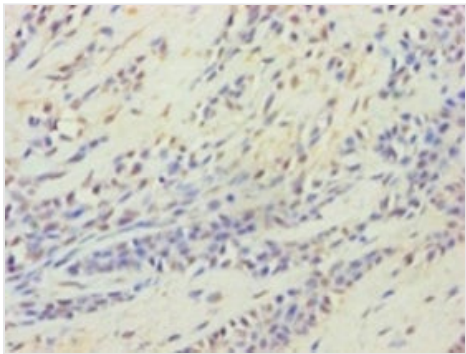
PRODUCT SYNONYMS

Probable histidine--tRNA ligase; mitochondrial; Polyclonal Antibody; Rabbit anti-human Probable histidine--tRNA ligase; mitochondrial polyclonal Antibody; Histidine--tRNA ligase-like Histidyl-tRNA synthetase HARS2 HARSL; HARSR; HO3; anti-HARS2 antibody

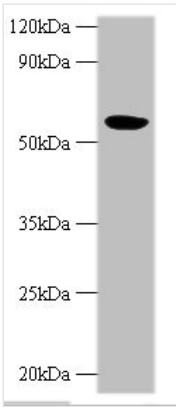
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	481
Applicable Applications for anti-HARS2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Probable histidine--tRNA ligase, mitochondrial protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-162922 / sc-130586
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human breast cancer using AAA229759 at dilution 1:100



WB (Western Blot)
All lanes: Probable histidine--tRNA ligase, mitochondrial antibody at 2ug/ml+mouse kidney tissueSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 57,55 kDaObserved band size: 57 kDa

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. This protein 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 share a bidirectional promoter.
Product Categories/Family for anti-HARS2 antibody	Metabolism

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	54,115 Da
NCBI Official Full Name	probable histidine--tRNA ligase, mitochondrial isoform 2
NCBI Official Synonym Full Names	histidyl-tRNA synthetase 2
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.

