

Rabbit anti-Human DARS2 Polyclonal Antibody | anti-DARS2 antibody

DARS2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231889	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

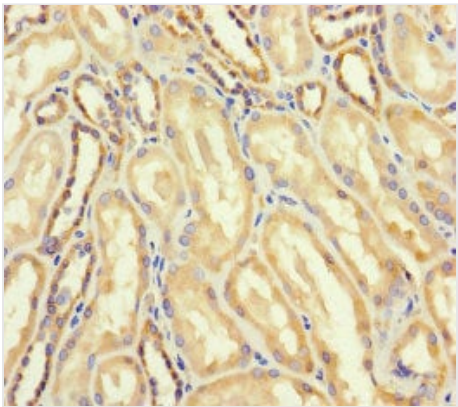
PRODUCT SYNONYMS

DARS2; Polyclonal Antibody; DARS2 Antibody; Aspartate--tRNA ligase; mitochondrial; Aspartyl-tRNA synthetase; AspRS; anti-DARS2 antibody

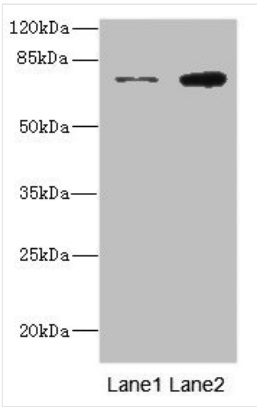
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	645
Applicable Applications for anti-DARS2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Aspartate--tRNA ligase, mitochondrial protein
Conjugate	Non-conjugated
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-74707 / sc-74708 / sc-98541
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human kidney tissue using AAA231889 at dilution of 1:100



WB (Western Blot)
Western blotAll lanes: DARS2 antibody at 10ug/mlLane 1: A549 whole cell lysateLane 2: MCF7 whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 74 kDaObserved band size: 74 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-DARS2 antibody	mitochondrial matrix, mitochondrion, nucleus, aspartate-tRNA ligase activity, aspartate-tRNA(Asn) ligase activity, ATP binding, protein homodimerization activity, tRNA binding, mitochondrial asparaginyI-tRNA aminoacylation, tRNA aminoacylation
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40789249
NCBI GeneID	55157
NCBI Accession #	NP_060592.2
NCBI GenBank Nucleotide #	NM_018122.4
UniProt Accession #	Q6PI48
Molecular Weight	73,563 Da
NCBI Official Full Name	aspartate--tRNA ligase, mitochondrial
NCBI Official Synonym Full Names	aspartyl-tRNA synthetase 2, mitochondrial
NCBI Official Symbol	DARS2
NCBI Official Synonym Symbols	LBSL; ASPRS; MT-ASPRS
NCBI Protein Information	aspartate--tRNA ligase, mitochondrial
UniProt Protein Name	Aspartate--tRNA ligase, mitochondrial
UniProt Gene Name	DARS2
UniProt Synonym Gene Names	AspRS
UniProt Entry Name	SYDM_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.