

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

CARS Antibody

CATALOG # AAA229175	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

CARS; Polyclonal Antibody; CARS Antibody; Cysteine--tRNA ligase; cytoplasmic; Cysteinyl-tRNA synthetase; CysRS; anti-CARS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	831
Applicable Applications for anti-CARS antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Cysteine--tRNA ligase, cytoplasmic 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-79224 / sc-79225 / sc-133495 / sc-292476
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human pancreatic tissue using AAA229175 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in:PC3 whole cell lysate,Mouse lung tissue,Mouse kidney tissueAll lanes: CARS antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 86,83,95 kDaObserved band size: 86 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CARS antibody	cytoplasm, cytosol, ATP binding, cysteine-tRNA ligase activity, protein homodimerization activity, tRNA binding, cysteinyl-tRNA aminoacylation, gene expression, tRNA aminoacylation for protein translation
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62240992
NCBI GeneID	833
NCBI Accession #	NP_001014437.1
NCBI GenBank Nucleotide #	NM_001014437.2
UniProt Accession #	P49589; Q53XI8; Q5HYE4; Q9HD24; Q9HD25
Molecular Weight	94,638 Da
NCBI Official Full Name	cysteine--tRNA ligase, cytoplasmic isoform c
NCBI Official Synonym Full Names	cysteinyI-tRNA synthetase
NCBI Official Symbol	CARS
NCBI Official Synonym Symbols	CARS1; CYSRS; MGC:11246
NCBI Protein Information	cysteine--tRNA ligase, cytoplasmic
UniProt Protein Name	Cysteine--tRNA ligase, cytoplasmic
UniProt Gene Name	CARS
UniProt Synonym Gene Names	CysRS
UniProt Entry Name	SYCC_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/cars-antibody-immunohistochemistry-western-blot-elisa/229175>