

anti-Human CARS Monoclonal Antibody | anti-CARS antibody

CARS Rabbit mAb

CATALOG # AAA314515	HOST Recombinant Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CARS; Monoclonal Antibody; CARS Rabbit mAb; MDBH; CYSRS; MCDDBH; MGC:11246; anti-CARS antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	S01-7D4
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-CARS antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human CARS
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of CARS in paraffin-embedded Human breast cancer tissue using CARS Rabbit mAb at dilution 1/50



WB (Western Blot)

Western blot detection of CARS in HeLa, A549, HL-60, U2OS, C6 cell lysates using CARS Rabbit mAb (1:1000 diluted). Predicted band size: 86kDa. Observed band size: 86kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CARS antibody	Catalyzes the ATP-dependent ligation of cysteine to tRNA(Cys).
Product Categories/Family for anti-CARS antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	303304987
NCBI GeneID	833
NCBI Accession #	NP_001181926.1
NCBI GenBank Nucleotide #	NM_001194997.1
UniProt Accession #	P49589; Q53XI8; Q5HYE4; Q9HD24; Q9HD25
Molecular Weight	85,473 Da
NCBI Official Full Name	cysteine--tRNA ligase, cytoplasmic isoform e
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; cysteine translase; cysteine tRNA ligase 1, 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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cars-antibody-clone-s01-7d4-immunohistochemistry-western-blot-elisa/314515>