

Rabbit CARS Polyclonal Antibody | anti-CARS antibody

CARS Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312885	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CARS; Polyclonal Antibody; CARS Polyclonal Antibody; CARS1; CYSRS; MGC:11246; anti-CARS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH7.4, 150mM NaCl, 0.02% sodium azide and 69% glycerol. PBS with 0.02% sodium azide, 50% glycerol, pH7.22
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CARS antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human CARS (NP_001742.1)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



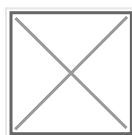
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using CARS antibody . Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse lung using CARS Antibody at dilution of 1:100 .



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CARS antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CARS antibody	This gene encodes a class 1 aminoacyl-tRNA synthetase, cysteinyl-tRNA synthetase. Each of the twenty aminoacyl-tRNA synthetases catalyzes the aminoacylation of a specific tRNA or tRNA isoaccepting family with the cognate amino acid. This gene is one of several located near the imprinted gene domain on chromosome 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian and breast cancers. Alternative splicing of this gene results in multiple transcript variants.
Product Categories/Family for anti-CARS antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GeneID	833
UniProt Accession #	P49589
Molecular Weight	MW: 82kDa, 85kDa, 94kDa SDS PAGE MW: 85kDa
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/polyclonal/cars-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/312885>