

Anti-CARS antibody (469-748) (STJ28623)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

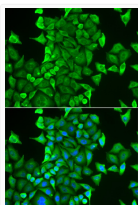
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:10-1:100 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 85kDa Observed Mw: 85kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

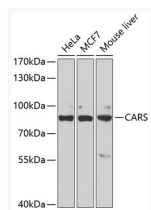
Gene ID	833
Gene Symbol	CARS1
UniProt ID	SYCC_HUMAN
Immunogen Region	469-748
Immunogen Sequence	ILRAPVDITGQFEKWGEEEA ELNKNFYDKKTAIHKALCDN VDTRTVMEEMRALVSQCPLY MAARKAVRKRPNQALLENIA LYLTHMLKIFGAVEEDSSLG FPGGGPGTSLSLSEATVMPYL QVLSEFREGVRKIAREQKVP EILQLSDALRDNILPELGVR FEDHEGLPTVVKLVDRNTLL KEREEKRRVVEEEKRKKKEEA ARRKQEQEAAKLAKMKIPPS EMFLSETDKYSKFDENGLP
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 469-748 of human CARS (NP_001742.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of HeLa cells using CARS antibody (STJ28623). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using CARS antibody (STJ28623) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.