

Rabbit CS Polyclonal Antibody | anti-CS antibody

CS Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280085	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

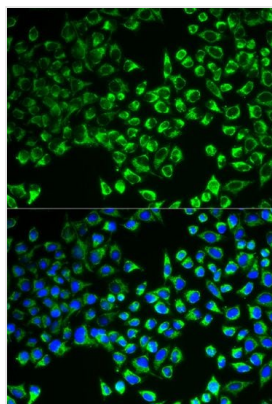
PRODUCT SYNONYMS

CS; Polyclonal Antibody; CS Polyclonal Antibody; anti-CS antibody

PRODUCT SPECIFICATIONS

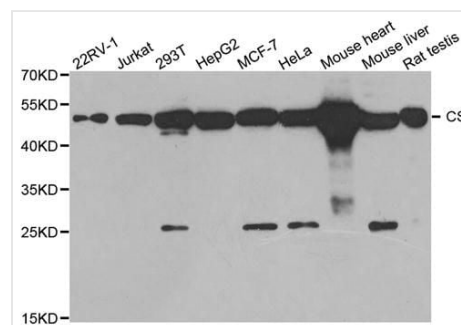
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	466
Applicable Applications for anti-CS antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human CS
Calculated Molecular Weight	51kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells using CS antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CS antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-CS antibody	The protein encoded by this gene is a Krebs tricarboxylic acid cycle enzyme that catalyzes the synthesis of citrate from oxaloacetate and acetyl coenzyme A. The enzyme is found in nearly all cells capable of oxidative metabolism. This protein is nuclear encoded and transported into the mitochondrial matrix, where the mature form is found.
Product Categories/Family for anti-CS antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	57015285
NCBI GeneID	1431
UniProt Accession #	O75390; Q71UT9; Q7KZH0; Q96FZ8; Q9BWN8
Molecular Weight	466
NCBI Official Full Name	Citrate synthase, mitochondrial
NCBI Official Synonym Full Names	citrate synthase
NCBI Official Symbol	CS
NCBI Protein Information	citrate synthase, mitochondrial; citrate (Si)-synthase
UniProt Protein Name	Citrate synthase, mitochondrial
UniProt Gene Name	CS
UniProt Entry Name	CISY_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://www.aaabiotech.com/polyclonal/cs-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/280085>