

Rabbit anti-Human, Mouse Citrate Synthase Polyclonal Antibody | anti-CS antibody

Polyclonal Antibody to Citrate Synthase (CS)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA143406	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Citrate Synthase; Polyclonal Antibody; Polyclonal Antibody to Citrate Synthase (CS); anti-CS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CS. It has been selected for its ability to recognize CS in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-KLLPKAKG GEEPLPEGLF WLLVTGHIPT EEQVSWLSKE WAKRAALPSH VVTMLDNFPT NLHPMSQLSA AVTALNSES FARAYAQQIS RTKYWELIYE DSMDLIKLP CVAAKIYRNL YREGSGIGAI DSNLDWSHNF TNMLGYTDHQ FTELTRYLT IHSDEGGNV SAHTSHLVGS ALSDPYLSFA AAMNGLAGPL HGLANQEVLV WLTQLQKEVG KDVSDKLRD YIWNTLNSGR VVPGYGHAVL RKTDPRTYCQ REFALKHLPN DPMFKLVQL YKIVPNVLE QGKA
Sequence Length	224
Applicable Applications for anti-CS antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	CS (Lys103~Ala394)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Mouse
Conjugate	No Conjugate
Immunogen	Recombinant CS (Lys103~Ala394) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Brain Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Liver Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Glioma Tissue.



WB (Western Blot)
Western Blot: Sample: Recombinant citrate synthase, Human.



WB (Western Blot)
Western Blot: Sample: Lane1: Human 293T Cells; Lane2: Human HeLa Cells; Lane3: Human HepG2 Cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38327625
NCBI GeneID	1431
NCBI Accession #	NP_004068.2
NCBI GenBank Nucleotide #	NM_004077.2
UniProt Accession #	O75390; Q71UT9; Q7KZH0; Q96FZ8; Q9BWN8
Molecular Weight	51,712 Da
NCBI Official Full Name	citrate synthase, mitochondrial
NCBI Official Synonym Full Names	citrate synthase
NCBI Official Symbol	CS
NCBI Protein Information	citrate synthase, mitochondrial
UniProt Protein Name	Citrate synthase, mitochondrial
UniProt Gene Name	CS

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/citrate-synthase-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/143406>