

Rabbit SUCLA2 Polyclonal Antibody | anti-SUCLA2 antibody

SUCLA2 Antibody

CATALOG # AAA225468	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
-------------------------------	-----------------------	--

PRODUCT SYNONYMS

SUCLA2; Polyclonal Antibody; SUCLA2 Antibody; Affinity Purified Rabbit Polyclonal SUCLA2 Antibody; Polyclonal SUCLA2 antibody; Anti-SUCLA2 antibody; SUCLA2 antibody; succinyl-CoA synthetase beta-A chain antibody; SUCLA 2 antibody; SUCLA-2; SCS-betaA antibody; ATP-specific succinyl-CoA synthetase beta subunit antibody; mitochondrial succinyl-CoA ligase [ADP-forming] subunit beta antibody; MTDP55 antibody; renal carcinoma antigen NY-REN-39 antibody; SUCLA-2 antibody; ATP-specific succinyl-CoA synthetase subunit beta antibody; SUCLA 2; (-)BETA antibody; anti-SUCLA2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	463
Applicable Applications for anti-SUCLA2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



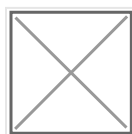
IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded Cal27 xenograft using SUCLA2 antibody at a dilution of 1:500



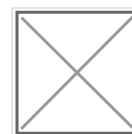
IF (Immunofluorescence)

Immunofluorescence analysis of methanol-fixed A431, using SUCLA2 antibody at 1:200 dilution.



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: Hep G2; B: Molt-4) using a 10% SDS PAGE gel and SUCLA2 antibody at a dilution of 1:1000



WB (Western Blot)

Western blot analysis of 20 ug of whole cell lysate (A: mouse brain) using a 10% SDS PAGE gel and SUCLA2 antibody at a dilution of 1:20000

ADDITIONAL INFORMATION

Related Product Information for anti-SUCLA2 antibody	Succinyl-CoA synthetase is a mitochondrial matrix enzyme that acts as a heterodimer, being composed of an invariant alpha subunit and a substrate-specific beta subunit. The protein encoded by this gene is an ATP-specific SCS beta subunit that dimerizes with the SCS alpha subunit to form SCS-A, an essential component of the tricarboxylic acid cycle. SCS-A hydrolyzes ATP to convert succinate to succinyl-CoA. Defects in this gene are a cause of myopathic mitochondrial DNA depletion syndrome. A pseudogene of this gene has been found on chromosome 6.
Product Categories/Family for anti-SUCLA2 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	11321583
NCBI GeneID	8803
NCBI GenBank Nucleotide #	NP_003841.1
UniProt Accession #	Q9P2R7
Molecular Weight	50 kDa
NCBI Official Full Name	succinate--CoA ligase
NCBI Official Synonym Full Names	succinate-CoA ligase ADP-forming beta subunit
NCBI Official Symbol	SUCLA2
NCBI Official Synonym Symbols	A-SCS; A-BETA; MTDPS5; SCS-betaA
NCBI Protein Information	succinate--CoA ligase [ADP-forming] subunit beta, mitochondrial
UniProt Protein Name	Succinyl-CoA ligase [ADP-forming] subunit beta, mitochondrial
UniProt Gene Name	SUCLA2
UniProt Synonym Gene Names	SCS-betaA
UniProt Entry Name	SUCB1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/sucla2-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/225468>