

Rabbit anti-Human SUCLA2 Polyclonal Antibody | anti-SUCLA2 antibody

SUCLA2 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306552	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SUCLA2; Polyclonal Antibody; SUCLA2 antibody; anti-SUCLA2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	463
Applicable Applications for anti-SUCLA2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 138 and 386 of human SUCLA2
Target Name	SUCLA2
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using SUCLA2 antibody at 1: 500 dilution.



Application Data

Sample (30 ug of whole cell lysate) A: Hep G2 B: Molt-4 10% SDS PAGE Primary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-SUCLA2 antibody	Succinyl-CoA synthetase (SCS) 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. [provided by RefSeq]
Product Categories/Family for anti-SUCLA2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	11321583
NCBI GeneID	8803
NCBI Accession #	NP_003841
NCBI GenBank Nucleotide #	NM_003850.2
Molecular Weight	48,040 Da
NCBI Official Full Name	succinyl-CoA ligase
NCBI Official Synonym Full Names	succinate-CoA ligase, ADP-forming, beta subunit
NCBI Official Symbol	SUCLA2
NCBI Official Synonym Symbols	A-BETA; MTDPS5; SCS-betaA
NCBI Protein Information	succinyl-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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sucla2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/306552>