

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

Rabbit anti-SUCLA2 Antibody, Affinity Purified

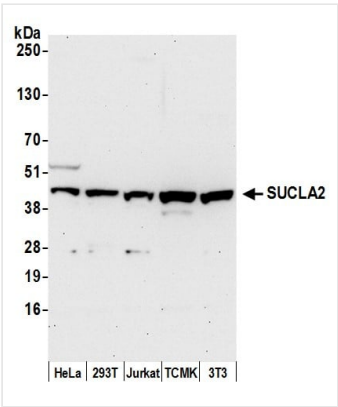
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213279	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

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

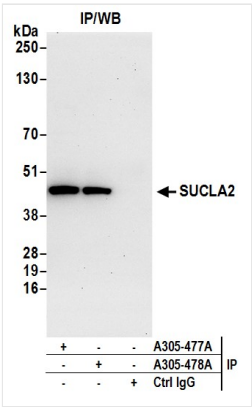
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-SUCLA2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Bovine, Pig, Golden hamster
Immunogen	Between 413 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of human and mouse SUCLA2 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SUCLA2 antibody AAA213279 (lot AAA213279-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human SUCLA2 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-SUCLA2 antibody AAA213279 (lot AAA213279-1) used for IP at 6 ug per reaction. SUCLA2 was also immunoprecipitated by rabbit anti-SUCLA2 antibody For blotting immunoprecipitated SUCLA2, AAA213279 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

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. SUCLA2 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 [taken from NCBI Entrez Gene (Gene ID: 8803)].
Product Categories/Family for anti-SUCLA2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	11321583
NCBI GeneID	8803
NCBI Accession #	NP_003841.1
NCBI GenBank Nucleotide #	NM_003850.2
UniProt Accession #	Q9P2R7; O95194; Q5T9Q4; Q5T9Q6; Q9NV21; Q9NVP7; B2RDE7
Molecular Weight	50,317 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; succinyl-CoA ligase [ADP-forming] subunit beta, mitochondrial; renal carcinoma antigen NY-REN-39; succinyl-CoA synthetase beta-A chain; ATP-specific succinyl-CoA synthetase subunit beta; ATP-s
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-immunoprecipitation-western-blot-elisa/213279>