

Rabbit anti-Human SUCLG2 Polyclonal Antibody | anti-SUCLG2 antibody

SUCLG2 Antibody

CATALOG # AAA234675	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

SUCLG2; Polyclonal Antibody; SUCLG2 Antibody; Succinate--CoA ligase [GDP-forming] subunit beta; mitochondrial; GTP-specific succinyl-CoA synthetase subunit beta; anti-SUCLG2 antibody

PRODUCT SPECIFICATIONS

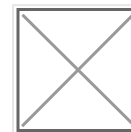
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	440
Applicable Applications for anti-SUCLG2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Succinate--CoA ligase [GDP-forming] subunit beta, mitochondrial protein (161-292AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image of AAA234675 diluted at 1:300 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234675 diluted at 1:300 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: Hela whole cell lysate, MCF-7 whole cell lysate, 293T whole cell lysate, Raji whole cell lysate, LO2 whole cell lysate, U87 whole cell lysate,All lanes: SUCLG2 antibody at 6.7ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 47, 48 KDaObserved band size: 47 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-SUCLG2 antibody	GTP-specific succinyl-CoA synthetase functions in the citric acid cycle (TCA), coupling the hydrolysis of succinyl-CoA to the synthesis of GTP and thus represents the only step of substrate-level phosphorylation in the TCA. The beta subunit provides nucleotide specificity of the enzyme and binds the substrate succinate, while the binding sites for coenzyme A and phosphate are found in the alpha subunit.
Product Categories/Family for anti-SUCLG2 antibody	Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	294862256
NCBI GeneID	8801
NCBI Accession #	NP_001171070.1
NCBI GenBank Nucleotide #	NM_001177599.1
UniProt Accession #	Q96I99; O95195; Q6NUH7; Q86VX8; Q8WUQ1; C9JVT2
Molecular Weight	47,732 Da
NCBI Official Full Name	succinate--CoA ligase
NCBI Official Synonym Full Names	succinate-CoA ligase GDP-forming beta subunit
NCBI Official Symbol	SUCLG2
NCBI Official Synonym Symbols	G-SCS; GBETA; GTPSCS
NCBI Protein Information	succinate--CoA ligase [GDP-forming] subunit beta, mitochondrial; succinyl-CoA ligase [GDP-forming] subunit beta, mitochondrial
UniProt Protein Name	Succinate--CoA ligase [GDP-forming] subunit beta, mitochondrial
UniProt Gene Name	SUCLG2
UniProt Synonym Gene Names	G-SCS; GTPSCS; SCS-betaG

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/suclg2-antibody-immunohistochemistry-western-blot-elisa/234675>