



SUCLA2 Rabbit pAb

Catalog No	YP-Ab-18895
Isotype	IgG
Reactivity	Human,Mouse
Applications	WB
Gene Name	SUCLA2
Immunogen	Synthesized peptide derived from human SUCLA2
Specificity	This antibody detects endogenous levels of SUCLA2 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	A BETA;A SCS;ATP specific succinyl CoA synthetase subunit beta;ATP specific succinyl CoA synthetase;beta subunit;ATP-specific succinyl-CoA synthetase subunit beta;Mitochondrial succinyl CoA ligase [ADP forming] subunit beta;MTDPS5;Renal carcinoma antigen NY-REN-39;Renal carcinoma antigen NYREN39;SCS betaA;SCS-betaA;SUCLB1_HUMAN;Succinate CoA ligase (ADP forming);Succinate CoA ligase [ADP forming] subunit beta;mitochondrial;succinyl CoA ligase [ADP forming] subunit beta;Succinate CoA ligase ADP forming beta subunit;Succinate CoA ligase beta subunit;Succinyl CoA ligase [ADP-forming] subunit beta;Succinyl CoA synthetase beta A chain;Succinyl-CoA ligase [ADP-forming] subunit beta;Succinyl-CoA synthetase beta-A chain;SUCLA2;mitochondrial (ATP-specific succinyl-CoA synthetase subunit beta) (Renal carcinoma antigen NY-REN-39) (Succinyl-CoA synthetase beta-A chain) (SCS-betaA)
Observed Band	
Calculated Molecular Weight	48-5 kDa; 5kD(Calculated).
Cell Pathway	Mitochondrion .
Tissue Specificity	Widely expressed. Not expressed in liver and lung.

**Function**

ATP-specific succinyl-CoA synthetase functions in the citric acid cycle (TCA), coupling the hydrolysis of succinyl-CoA to the synthesis of ATP 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 (By similarity).

Background**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images