Immunotag™ SUCLA2 Antibody

Antibody Specification

Catalog No.	ITA2761
Product Description	Immunotag™ SUCLA2 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	SUCLA2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC
Recommended Dilution	WB 1:500-1:2000, IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human SUCLA2.
Specificity	SUCLA2 antibody detects endogenous levels of SUCLA2.
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	SUCLA2
Accession No.	Q9P2R7

Antibody Specification

Alternate Names	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; SUCB1_HUMAN; Succinate CoA ligase (ADP forming); Succinate CoA ligase [ADP forming] subunit beta, mitochondrial; succinyl CoA ligase [ADP forming] subunit beta, mitochondrial; Succinate CoA ligase ADP forming beta subunit; Succinate CoA ligase beta subunit; Succinyl CoA ligase [ADP-forming] subunit beta, mitochondrial; Succinyl CoA synthetase beta A chain; Succinyl-CoA ligase [ADP-forming] subunit beta, mitochondrial; Succinyl-CoA synthetase beta-A chain; SUCLA2;
Description	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 (PubMed:15877282). 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).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	48-50 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.