antibodies

Datasheet for ABIN7170912 anti-SUCLG1 antibody (AA 210-316)

1 Image



Overview

Quantity:	100 µg
Target:	SUCLG1
Binding Specificity:	AA 210-316
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SUCLG1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human SuccinateCoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial protein (210-316AA)
lsotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SUCLG1
Alternative Name:	SUCLG1 (SUCLG1 Products)
Background:	Background: Succinyl-CoA synthetase functions in the citric acid cycle (TCA), coupling the

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	hydrolysis of succinyl-CoA to the synthesis of either ATP or GTP and thus represents the only
	step of substrate-level phosphorylation in the TCA. The alpha subunit of the enzyme binds the
	substrates coenzyme A and phosphate, while succinate binding and specificity for either ATP or
	GTP is provided by different beta subunits.
	Aliases: FLJ21114 antibody, FLJ43513 antibody, GALPHA antibody, MTDPS9 antibody, SCS
	alpha antibody, SCS-alpha antibody, SUCA_HUMAN antibody, Succinate CoA ligase alpha
	subunit antibody, Succinyl CoA ligase [GDP forming] subunit alpha mitochondrial antibody,
	Succinyl CoA synthetase subunit alpha antibody, Succinyl-CoA ligase [ADP/GDP-forming]
	subunit alpha, mitochondrial antibody, Succinyl-CoA synthetase subunit alpha antibody,
	SUCLA1 antibody, SUCLG 1 antibody, SUCLG1 antibody
UniProt:	P53597
Application Details	
Application Notes:	Recommended dilution: IHC:1:500-1:1000,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7170912 diluted at 1:600 and staining in paraffin-embedded human adrenal gland 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°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

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