

For Research Use Only

SUCLG1 Recombinant antibody, PBS Only

Catalog Number: 86072-1-PBS



Basic Information

Catalog Number: 86072-1-PBS	GenBank Accession Number: BC000504	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 8802	CloneNo.: 250424C8
Source: Rabbit	UNIPROT ID: P53597	
Isotype: IgG	Full Name: succinate-CoA ligase, alpha subunit	
Immunogen Catalog Number: AG6481	Calculated MW: 35 kDa	
	Observed MW: 35 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

SUCLG1(succinyl-CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial) is also named as SCS-alpha and belongs to the succinate/malate CoA ligase alpha subunit family. The SUCLG1 gene encodes a 35 kDa protein with a 40 amino acids transit peptide. This enzyme catalyzes the ATP- or GTP-dependent ligation of succinate and CoA to form succinyl-CoA. Defects in SUCLG1 are the cause of mitochondrial DNA depletion syndrome type 9 (MTDPS9).

Storage

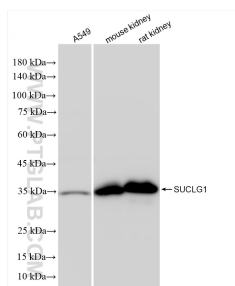
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

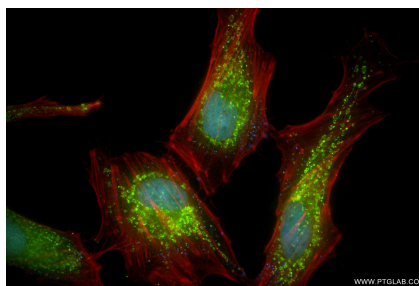
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86072-1-RR (SUCLG1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86072-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using SUCLG1 antibody (86072-1-RR, Clone: 250424C8) at dilution of 1:800 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 86072-1-PBS in a different storage buffer formulation.