For Research Use Only

SUCLA2 Polyclonal antibody Catalog Number: 12627-1-AP Featured Product 22

Featured Product 22 Publications

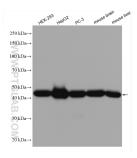


Basic Information	Catalog Number: GenBank Accession Number: 12627-1-AP BC027587		Purification Method: Antigen affinity purification		
	Concentration: 500 µg/ml	GenelD (NC) 8803	BI):	Recommended Dilutions: WB 1:1000-1:6000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500 IF/ICC 1:200-1:800	
	Source:	UNIPROT ID	:		
	Rabbit	Q9P2R7			
	Isotype: IgG Immunogen Catalog Number: AG3319	Full Name: succinate-Co beta subunit	oA ligase, ADP-forming, t		
		Calculated I 463 aa, 50 k			
		Observed M 48-50 kDa	W:		
Applications	Cited Applications: cells, PC-3 c WB, IHC, IF tissue Species Specificity: IP : HEK-293 human, mouse, rat IP : HEK-293		rols:		
			cells, PC-3 cel	-293 cells, LO2 cells, SH-SY5Y cells, HepG2 3 cells, mouse brain tissue, mouse liver 293 cells.	
				n colon cancer tissue, human heart tissue	
	Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0				
Background Information	SUCLA2, β subunit of succinate CoA ligase enzyme. Succinate-C succinate and ATP or GTP. SUCL (PMID: 33230181, PMID: 203017 DNA depletion syndrome, leigh	CoA ligase catalyse A2 mutations cause 62). Mutations in S	es the reversible conversi e global protein succinyla UCLA2 are also associate	on of succinyl-CoA and A ation and mitochondrial D ed with SUCLA2-related m	DP or GDP to NA depletior
Notable Publications	Author	Pubmed ID	Journal	Арр	lication
	Rosalba Carrozzo	26475597	J Inherit Metab Dis	WB	
	Shaoping Huang	27766610	Folia Histochem Cyte	obiol WB,	IHC
	Minghao Yuan	36186135	Aging Dis	WB	
Storage	Storage: Store at -20°C. Stable for one ye Storage Buffer: PBS with 0.02% sodium azide ai	·	H7 3		

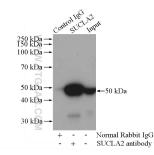
For technical support and original validation data for this product please contact: E: Proteintech-CN@ptglab.com T: 4006900926 W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

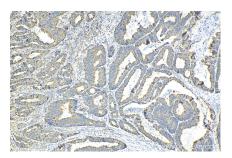
Selected Validation Data



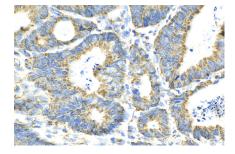
HEK-293 cells were subjected to SDS PAGE followed by western blot with 12627-1-AP (SUCLA2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



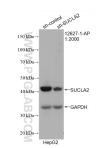
IP result of anti-SUCLA2 (IP:12627-1-AP, 4ug; Detection:12627-1-AP 1:1000) with HEK-293 cells lysate 2800ug.



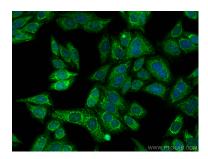
Immunohistochemical analysis of paraffinembedded human colon cancer tissue slide using 12627-1-AP (SUCLA2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded human colon cancer tissue slide using 12627-1-AP (SUCLA2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of SUCLA2 antibody (12627-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SUCLA2 transfected HepG2 cells.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using SUCLA2 antibody (12627-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).