For Research Use Only

Citrate synthase Polyclonal antibody

Catalog Number:16131-1-AP

Featured Product

75 Publications

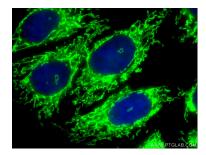


Basic Information	Catalog Number: 16131-1-AP	GenBank Accession Number: BC010106	Purification Method: Antigen affinity purification
	Size:	GenelD (NCBI):	Recommended Dilutions:
	150ul , Concentration: 350 µg/ml by	1431	WB 1:1000-1:8000
	Nanodrop and 313 µg/ml by Bradford method using BSA as the standard;	UNIT KUT ID.	IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
	Source:	075390	IHC 1:100-1:400
	Rabbit	Full Name: citrate synthase	IF 1:50-1:500
	Isotype: IgG	Calculated MW: 466 aa, 52 kDa	
	Immunogen Catalog Number: AG9117	Observed MW: 45-50 kDa	
Applications	Tested Applications: Positive Controls:		
	IF, IHC, IP, WB,ELISA WB : r		nouse heart tissue, HeLa cells
	Cited Applications: CoIP, IF, IHC, IP, WB	IP : me	ouse heart tissue,
	Species Specificity:	IHC : I	numan liver cancer tissue,
	human, mouse, rat	IF : He	epG2 cells,
	Cited Species: human, chicken, rat, mouse, rabbit, hamster		
	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	buffer pH 6.0 Citrate synthase (CS), the first and rat regulating energy generation of mito The deduced 466-amino acid protein conserved in citrate synthases(PMID:	e-limiting enzyme of the trica chondrial respiration(PMID:19 contains an N-terminal mitoch 12549038). It can exsit as a dir	
	buffer pH 6.0 Citrate synthase (CS), the first and rat regulating energy generation of mito The deduced 466-amino acid protein conserved in citrate synthases(PMID: detected no CS expression in thymus	e-limiting enzyme of the trica chondrial respiration(PMID:19 contains an N-terminal mitoch 12549038). It can exsit as a dir	479947).It belongs to the citrate synthase fami nondrial targeting sequence and a motif highly ner(PMID:8749851). Northern blot analysis 49038). This antibody is specific to CS.
	buffer pH 6.0 Citrate synthase (CS), the first and rate regulating energy generation of mito The deduced 466-amino acid protein conserved in citrate synthases(PMID: detected no CS expression in thymus Author Put	e-limiting enzyme of the trica chondrial respiration(PMID:19 contains an N-terminal mitoch 12549038). It can exsit as a dir and small intestine(PMID:125	479947).It belongs to the citrate synthase fami nondrial targeting sequence and a motif highly ner(PMID:8749851). Northern blot analysis 49038). This antibody is specific to CS. Application
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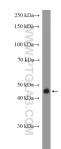
For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522) (toll freeE: proteintech@ptglab.comin USA), or 1(312) 455-8498 (outside USA)W: ptglab.com

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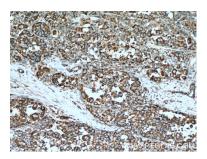
Selected Validation Data



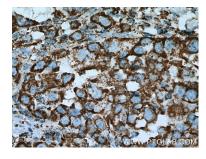
Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 16131-1-AP (Citrate synthase antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



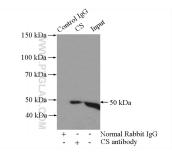
mouse heart tissue were subjected to SDS PAGE followed by western blot with 16131-1-AP (Citrate synthase antibody at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffinembedded human liver cancer tissue slide using 16131-1-AP (Citrate synthase 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 liver cancer tissue slide using 16131-1-AP (Citrate synthase antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-Citrate synthase (IP:16131-1-AP, 4ug; Detection:16131-1-AP 1:1000) with mouse heart tissue lysate 3200ug.