For Research Use Only

ACC1 Polyclonal antibody Catalog Number:21923-1-AP Featured Product

Featured Product

155 Publications



	Size: 150ul , Concentration: 800 ug/ml by Nanodrop;	GeneID (NCBI): 31 UNIPROT ID:	W	ecommended Dilutions: /B 1:1000-1:20000	
	Source: Rabbit Isotype: IgG Immunogen Catalog Number:	Q13085 Full Name: acetyl-Coenzyme A alpha Calculated MW:	p I I IF	9.5-4.0 ug for 1.0-3.0 mg of total rotein lysate IC 1:50-1:500 //ICC 1:50-1:500	
	AG16452	2383 aa, 275 kDa Observed MW: 250 kDa			
Applications	Tested Applications: WB, IHC, IF/ICC, IP, ELISA	B, IHC, IF/ICC, IP, ELISA WB : HeLa cells, HEK-293 cells, HepG2 cells, mouse ted Applications: brain tissue, rat brain tissue B, IHC, IF, IP, RIP IP : HepG2 cells, pecies Specificity: IHC : mouse skeletal muscle tissue, mouse brain tissue			
	Cited Applications: WB, IHC, IF, IP, RIP			, rat brain tissue	
	Species Specificity: human, mouse, rat				
	Cited Species: IF/ICC : HeLa cells, human, mouse, rat, pig, chicken, bovine				
	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	ACACA(Acetyl-CoA carboxylase 1, A enzyme family. It catalyzes the synth in the regulation of fatty acid metabo acids, and malonyl-CoA produced is synthase (FAS)(PMID:19900410). It his weight between 260 kDa and 270 kD	nesis of malonyl-CoA, blism and energy prod used as a building blo as 4 isoforms produced	which is an interme luction. ACACA is in ck to extend the cha	ediate substrate playing a pivotal role volved in the biosynthesis of fatty in length of fatty acids by fatty acid	
Notable Publications	Author Pub	med ID Journ	al	Application	
	Lihua Luo 345'	93005 J Nan	obiotechnology	WB	
	Shifeng Pan 291	52131 Oncot	arget	WB	
	Zhongwen Feng 331	82043 Int Im	munopharmacol	WB	
Storage	Storage: Store at -20°C. Stable for one year aft	er shipment.			
	Storage Buffer: PBS with 0.02% sodium azide and 50	% glycerol, pH7.3			

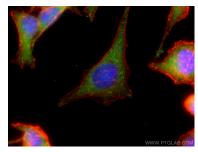
chnical support and original validation data for this product please contact: T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free E: proteintech@ptglab.com in USA), or 1(312) 455-8498 (outside USA) W: ptglab.com

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

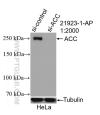
Selected Validation Data



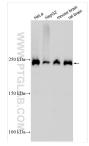
Immunohistochemical analysis of paraffinembedded mouse skeletal muscle tissue slide using 21923-1-AP (ACC1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



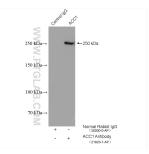
Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using ACC1 antibody (21923-1-AP) at dilution of 1:200 and Coralite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



WB result of ACC1 antibody (21923-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ACC1 transfected HeLa cells.



Various lysates were subjected to SDS PAGE followed by western blot with 21923-1-AP (ACC1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



IP result of anti-ACC1 (IP:21923-1-AP, 4ug; Detection:21923-1-AP 1:2000) with HepG2 cells lysate 1800 ug.



Immunohistochemical analysis of paraffinembedded mouse brain tissue slide using 21923-1-AP (ACC1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).