For Research Use Only

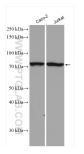
ACSS1 Polyclonal antibody Catalog Number:17138-1-AP Featured Product

Featured Product 18 Publications

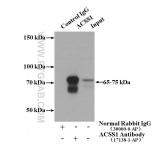


Basic Information	Catalog Number: 17138-1-AP	GenBank Accession N BC039261	lumber:	Purification Method: Antigen affinity purification	
	Size:	GeneID (NCBI): 550ul, Concentration: 350 ug/ml by Janodrop and 227 ug/ml by Bradford UNIPROT ID: ource: Babbit Sobype:		Recommended Dilutions: WB 1:500-1:3000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:100-1:400	
	150ul , Concentration: 350 ug/ml by				
	method using BSA as the standard;				
	Source:				
	IgG				
	Immunogen Catalog Number: AG10896	689 aa, 75 kDa			
		Observed MW: 70-75 kDa			
Applications	Tested Applications:		Positive Controls: WB : Caco-2 cells, Jurkat cells, mouse kidney tissue RAW 264.7 cells		
	WB, IP, IHC, ELISA Cited Applications:				
	WB, IHC, IF		IP : mouse kid	IP : mouse kidney tissue,	
	Species Specificity: IHC : Human, mouse, rat		IHC : human l	numan liver cancer tissue,	
	Cited Species:				
	human, mouse, rat, pig				
	Note-IHC: suggested antigen r TE buffer pH 9.0; (*) Alternativ retrieval may be performed w	vely, antigen			
	buffer pH 6.0				
Background Information	The ACSS (acetyl-CoA synthetase) er of free acetate into acetyl coenzyme ACSS2, and ACSS3. The main substra propionate. Two acetate related enzy distribution and subcellular localizat mainly in cardiac and skeletal muscl cytoplasmic enzyme, ACSS2 is strong brain and testis.ACSS2 participates i while ACSS1 is involved in acetate o	A (acetyl-CoA). The thi te of ACSS1 and ACSS2 imes, ACSS1(GenelD: & ion. On the one hand, a e as well as brown adi gly expressed in the liv n lipid synthesis and fa xidation. The function acid (TCA) cycle. Due to	ree known isofo 2 is acetate, whi 34532) and ACS as a mitochondr pose tissue. On ver, kidney and l acilitates protein al diferences in o its more thoro	heart and moderately expressed in the n acetylation by generating acetyl-CoA these enzymes involve energy ugh utilization of intracellular acetate,	
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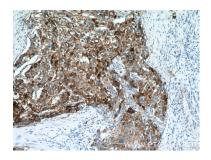
Selected Validation Data



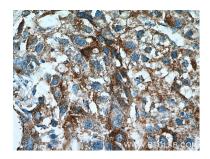
Various lysates were subjected to SDS PAGE followed by western blot with 17138-1-AP (ACSS1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-ACSS1 (IP:17138-1-AP, 4ug: Detection:17138-1-AP 1:700) with mouse kidney tissue lysate 4000ug.



Immunohistochemical analysis of paraffinembedded human liver cancer tissue slide using 17138-1-AP (ACSS1 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffinembedded human liver cancer tissue slide using 17138-1-AP (ACSS1 Antibody) at dilution of 1:200 (under 40x lens).