

For Research Use Only

ACAD10 Polyclonal antibody

Catalog Number: 17161-1-AP

1 Publications



Basic Information

Catalog Number: 17161-1-AP	GenBank Accession Number: BC015056	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 ug/ml by Nanodrop and 353 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 80724	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q6JQN1	
Isotype: IgG	Full Name: acyl-Coenzyme A dehydrogenase family, member 10	
Immunogen Catalog Number: AG10510	Calculated MW: 26 kDa, 119 kDa	
	Observed MW: 119 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Cited Applications: WB	WB : mouse spleen tissue,
Species Specificity: human, mouse, rat	IHC : human pancreas tissue,
Cited Species: human, mouse	IF/ICC : HeLa cells,
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

ACAD10(Acyl-CoA dehydrogenase family member 10) belongs to the acyl-CoA dehydrogenase family. ACAD10 has significant activity towards the branched-chain substrates R and S, 2 methyl-C15-CoA and is highly expressed in fetal but not adult brain. This pattern of expression is similar to that of LCAD, another ACAD previously shown to be involved in long branched chain fatty acid metabolism(PMID:21237683). It has 4 isoforms produced by alternative splicing.

Notable Publications

Author	Pubmed ID	Journal	Application
Stéphanie Paquay	39174697	Cell Mol Life Sci	WB

Storage

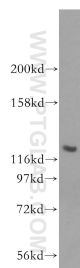
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

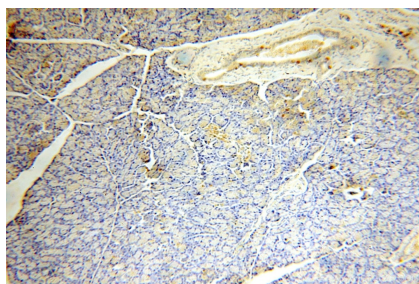
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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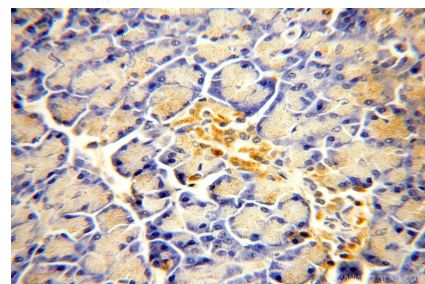
Selected Validation Data



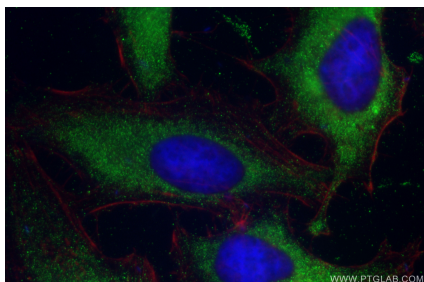
mouse spleen tissue were subjected to SDS PAGE followed by western blot with 17161-1-AP (ACAD10 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas using 17161-1-AP (ACAD10 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human pancreas using 17161-1-AP (ACAD10 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using ACAD10 antibody (17161-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).