

For Research Use Only

ACAD8 Polyclonal antibody

Catalog Number: 16742-1-AP



Basic Information

Catalog Number: 16742-1-AP	GenBank Accession Number: BC001964	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 240 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 27034	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: acyl-Coenzyme A dehydrogenase family, member 8	
Isotype: IgG	Calculated MW: 45 kDa	
Immunogen Catalog Number: AG9967	Observed MW: 45 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse pancreas tissue, mouse lung tissue
Species Specificity: human, mouse, rat	

Background Information

The acyl-CoA dehydrogenases (ACAD) (EC 1.3.99) are a family of nuclear-encoded mitochondrial enzymes involved in the metabolism of fatty acids and branched chain amino acids (PMID: 13295225). The eighth member of this family, ACAD8, catalyzes the conversion of isobutyryl-CoA to methacrylyl-CoA in valine catabolism (PMID: 12359132). ACAD8, also named as acyl-Coenzyme A dehydrogenase family, member 8, has 3 isoform which molecular weight is 45, 31 and 38 kDa.

Storage

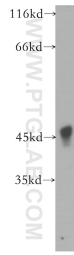
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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
W: ptglab.com

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Selected Validation Data



mouse pancreas tissue were subjected to SDS PAGE followed by western blot with 16742-1-AP (ACAD8 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.