

For Research Use Only

ACAD8 Polyclonal antibody

Catalog Number: 16742-1-AP



Basic Information

Catalog Number:

16742-1-AP

Size:

150ul , Concentration: 240 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9967

GenBank Accession Number:

BC001964

GeneID (NCBI):

27034

UNIPROT ID:

Q9UKU7

Full Name:

acyl-Coenzyme A dehydrogenase family, member 8

Calculated MW:

45 kDa

Observed MW:

45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse pancreas tissue, mouse lung tissue

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

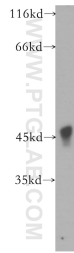
For technical support and original validation data for this product please contact:

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.