## For Research Use Only

## ACAD8 Polyclonal antibody

Catalog Number: 16742-1-AP



**Basic Information** 

Catalog Number:

Size:

16742-1-AP 240 μg/ml

**UNIPROT ID:** Source: Rabbit Q9UKU7 Full Name: Isotype:

acyl-Coenzyme A dehydrogenase family, member 8

Immunogen Catalog Number: AG9967 Calculated MW: 45 kDa

> Observed MW: 45 kDa

BC001964

27034

GeneID (NCBI):

GenBank Accession Number:

**Applications** 

**Tested Applications:** 

WB,ELISA

Species Specificity: human, mouse, rat

Positive Controls:

WB: mouse pancreas tissue, mouse lung tissue

**Purification Method:** 

WB 1:500-1:2000

Antigen affinity purification

Recommended Dilutions:

## **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

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

## 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.