

For Research Use Only

ACAD9 Recombinant antibody

Catalog Number: 84202-1-RR



Basic Information

Catalog Number:

84202-1-RR

Size:

100ul, Concentration: 800 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8414

GenBank Accession Number:

BC007970

GeneID (NCBI):

28976

UNIPROT ID:

Q9H845

Full Name:

acyl-Coenzyme A dehydrogenase family, member 9

Calculated MW:

69 kDa

Observed MW:

60-65 kDa

Purification Method:

Protein A purification

CloneNo.:

241015B3

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HEK-293T cells, MCF-7 cells, mouse heart tissue, mouse brain tissue, mouse liver tissue, rat liver tissue

Background Information

Acyl-CoA dehydrogenases (ACADs) are a family of mitochondrial enzymes catalyzing the initial rate-limiting step in the β -oxidation of fatty acyl-CoA. ACAD9 belongs to the group of ACADs. The deduced 621-amino acid protein has a calculated molecular mass of 68.8 kD. It has an N-terminal leader sequence, 2 conserved motifs shared by all ACAD family members, and a potential N-glycosylation site (PMID:12359260). Defects in ACAD9 are a cause of acyl-CoA dehydrogenase family member type 9 deficiency (ACAD9 deficiency).

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

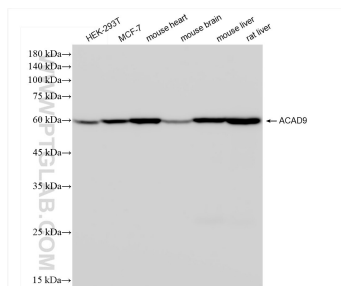
For technical support and original validation data for this product please contact:

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84202-1-RR (ACAD9 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.