

For Research Use Only

ACADL-Specific Recombinant antibody

Catalog Number: 85379-1-RR



Basic Information

Catalog Number:

85379-1-RR

Size:

100ul, Concentration: 1000 µg/ml by 33

Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001608

GeneID (NCBI):

33

UNIPROT ID:

P28330

Full Name:

acyl-Coenzyme A dehydrogenase,

long chain

Calculated MW:

48 kDa

Observed MW:

45-48 kDa

Purification Method:

Protein A purification

CloneNo.:

242413B10

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB: mouse liver tissue, mouse kidney tissue, mouse lung tissue, rat liver tissue

Background Information

ACADL(Long-chain specific acyl-CoA dehydrogenase, mitochondrial) is also named as LCAD and belongs to the acyl-CoA dehydrogenase family. It catalyzes the first reaction of the mitochondrial β -oxidation of fatty acids and is synthesized in the cytosol as a precursor that is larger than its mature form. The size difference between the precursor and mature rat LCAD has been estimated to be 3 kDa on the basis of SDS-PAGE(PMID:1774065). Defects in ACADL are a cause of acyl-CoA dehydrogenase very long-chain deficiency (ACADVL). This antibody is specific to ACADL.

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

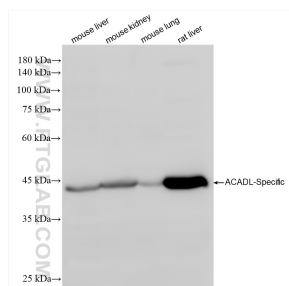
For technical support and original validation data for this product please contact:

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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 85379-1-RR (ACADL-Specific antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.