

For Research Use Only

ACBP/DBI Recombinant antibody

Catalog Number: 84863-5-RR



Basic Information

Catalog Number:

84863-5-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2462

GenBank Accession Number:

NM_007830.4

GeneID (NCBI):

13167

UNIPROT ID:

P31786

Full Name:

diazepam binding inhibitor

Calculated MW:

10KDa

Observed MW:

10 kDa

Purification Method:

Protein A purification

CloneNo.:

242463D1

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse, rat

Positive Controls:

WB : mouse cerebellum tissue, rat cerebellum tissue, rat kidney tissue

Background Information

Acbp/Dbi (acyl-CoA binding protein/Diazepam-binding inhibitor) is a widely expressed protein that binds long-chain fatty acyl-CoA esters and plays a role in fatty acyl-CoA transport and pool formation. Acbp/Dbi is critical to cellular proliferation, differentiation, mitochondrial functions, and autophagy. Deletion of Acbp in mouse results in sebocyte hyperplasia and sparse, matted hair with a greasy appearance (PMID: 32632162, 16902415).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

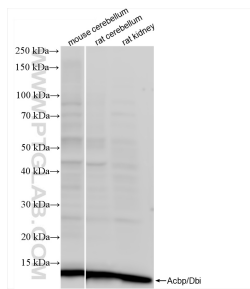
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84863-5-RR (Acbp/Dbi antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.