

For Research Use Only

# Mouse ACBP/DBI Recombinant antibody, PBS Only

Catalog Number: 84863-5-PBS



## Basic Information

Catalog Number:

84863-5-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

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

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

mouse, rat

## 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 -80°C.

Storage Buffer:

PBS only, pH7.3

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

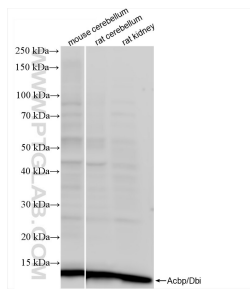
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## Selected Validation Data



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. This data was developed using the same antibody clone with 84863-5-PBS in a different storage buffer formulation.