

For Research Use Only

# ACBP/DBI Recombinant antibody

Catalog Number: 84863-5-RR



## Basic Information

<b>Catalog Number:</b> 84863-5-RR	<b>GenBank Accession Number:</b> NM_007830.4	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 13167	<b>CloneNo.:</b> 242463D1
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P31786	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG	<b>Full Name:</b> diazepam binding inhibitor	
<b>Immunogen Catalog Number:</b> EG2462	<b>Calculated MW:</b> 10KDa	
	<b>Observed MW:</b> 10 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse cerebellum tissue, rat cerebellum tissue, rat kidney tissue
<b>Species Specificity:</b> 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

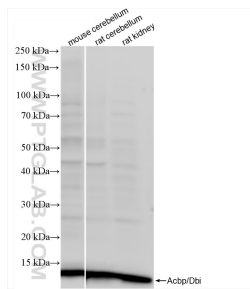
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://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 84863-5-RR (Acbp/Dbi antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.