

For Research Use Only

# ABHD14B Recombinant monoclonal antibody

Catalog Number: 87389-1-RR



## Basic Information

<b>Catalog Number:</b> 87389-1-RR	<b>GenBank Accession Number:</b> BC007234	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 84836	<b>CloneNo.:</b> 252778C8
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96IU4	<b>Recommended Dilutions:</b> WB: 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> abhydrolase domain containing 14B	
<b>Immunogen Catalog Number:</b> AG15097	<b>Calculated MW:</b> 210 aa, 22 kDa	
	<b>Observed MW:</b> 20-30 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
human, mouse

**Positive Controls:**

**WB :** L02 cells, mouse liver tissue, HepG2 cells, mouse small intestine tissue, mouse colon tissue, mouse kidney tissue

## Background Information

ABHD14B possessed the canonical ABHD fold, an invariant catalytic triad (Ser-His-Asp), and based on its protein sequence, was subsequently categorized as an outlying member of the metabolic serine hydrolase family. ABHD14B was able to transfer an acetyl group from post translationally modified protein lysine residue to coenzyme-A (CoA), thus making the biologically important acetyl-CoA.

## 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

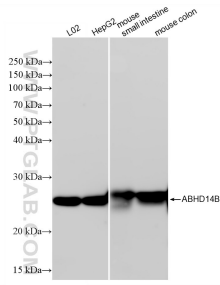
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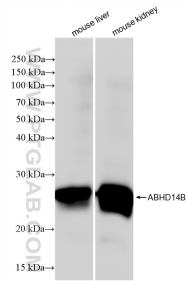
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87389-1-RR (ABHD14B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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