

For Research Use Only

# AMDHD1 Recombinant antibody, PBS Only

Catalog Number: 86415-1-PBS



## Basic Information

Catalog Number:	86415-1-PBS	GenBank Accession Number:	BC029146	Purification Method:	Protein A purification
Concentration:	1000 µg/ml	GeneID (NCBI):	144193	CloneNo.:	250819A2
Source:	Rabbit	UNIPROT ID:	Q96NU7		
Isotype:	IgG	Full Name:	amidohydrolase domain containing 1		
Immunogen Catalog Number:	AG15420	Calculated MW:	426 aa, 47 kDa		
		Observed MW:	45-50 kDa		

## Applications

Tested Applications:  
WB, Indirect ELISA

Species Specificity:  
human, mouse, rat

## Background Information

AMDHD1 is a protein-coding gene that encodes the enzyme imidazolonepropionase. It is involved in the histidine catabolic process and has one potential isoform. The protein of AMDHD1 is located in the cytoplasm, and is expressed in all tissues, mainly in the liver, kidney and adrenal gland.

## Storage

Storage:  
Store at -80°C.  
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:  
PBS only, pH7.3

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

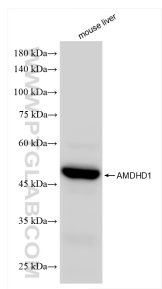
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

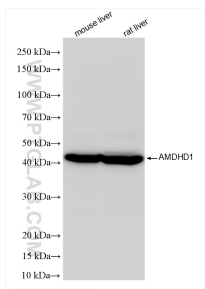
W: [ptgcn.com](http://ptgcn.com)

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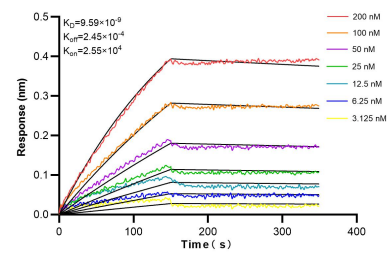
## Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 86415-1-RR (AMDHD1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86415-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 86415-1-RR (AMDHD1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86415-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86415-1-RR against Human AMDHD1 were performed. The affinity constant is 9.59 nM.