

For Research Use Only

AMDHD1 Recombinant antibody

Catalog Number: 86415-1-RR



Basic Information

Catalog Number: 86415-1-RR	GenBank Accession Number: BC029146	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 144193	CloneNo.: 250819A2
Source: Rabbit	UNIPROT ID: Q96NU7	Recommended Dilutions: WB: 1:2000-1:10000
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, ELISA	Positive Controls: WB : mouse liver tissue, rat liver tissue
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

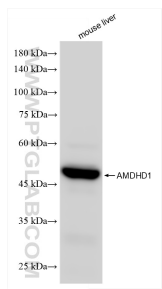
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

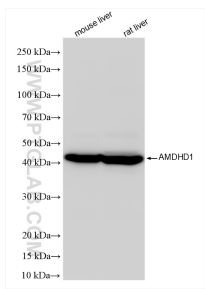
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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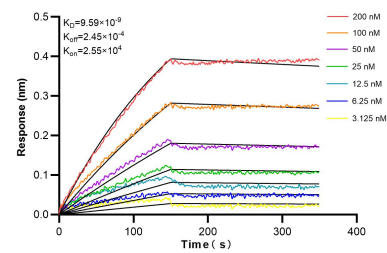
Selected Validation Data



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.



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.



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