

For Research Use Only

# AMDHD1 Polyclonal antibody

Catalog Number: 21171-1-AP



## Basic Information

<b>Catalog Number:</b> 21171-1-AP	<b>GenBank Accession Number:</b> BC029146	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 144193	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> amidohydrolase domain containing 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 426 aa, 47 kDa	
<b>Immunogen Catalog Number:</b> AG15420	<b>Observed MW:</b> 50 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse	<b>WB :</b> mouse skeletal muscle tissue, <b>IHC :</b> mouse colon tissue,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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

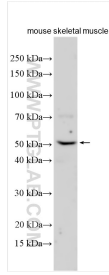
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

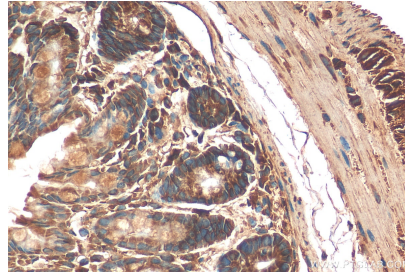
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

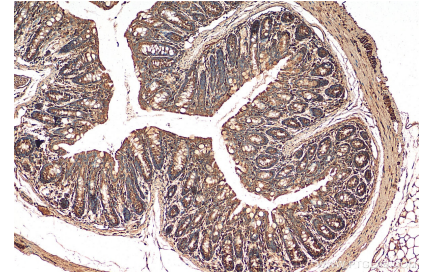
## Selected Validation Data



mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 21171-1-AP (AMDHD1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 21171-1-AP (AMDHD1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 21171-1-AP (AMDHD1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).