

For Research Use Only

# AMPD3 Polyclonal antibody

Catalog Number: 23997-1-AP

Featured Product

5 Publications



## Basic Information

<b>Catalog Number:</b> 23997-1-AP	<b>GenBank Accession Number:</b> BC126118	<b>Purification Method:</b> Antigen Affinity purified
<b>Size:</b> 150ul, Concentration: 600 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 272	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> adenosine monophosphate deaminase (isoform E)	<b>IHC 1:20-1:200</b>
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 776 aa, 90 kDa	
<b>Immunogen Catalog Number:</b> AG21199	<b>Observed MW:</b> 70 kDa, 90 kDa	

## Applications

### Tested Applications:

IHC, IP, WB, ELISA

### Cited Applications:

IHC, IP, WB

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

**WB:** RAW 264.7 cells, rat kidney tissue, HEK-293 cells, mouse kidney tissue, mouse lung tissue

**IP:** mouse kidney tissue,

**IHC:** human placenta tissue, human colon tissue

## Background Information

## Notable Publications

Author	Pubmed ID	Journal	Application
Bowen Yang	36384292	J Med Chem	WB
Yuki Tatekoshi	29733818	J Mol Cell Cardiol	WB,IP
Zeyun Mi	32694829	Nat Metab	WB,IHC

## 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

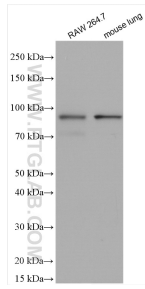
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

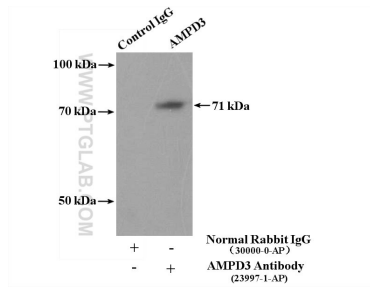
E: proteintech@ptglab.com  
W: ptglab.com

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

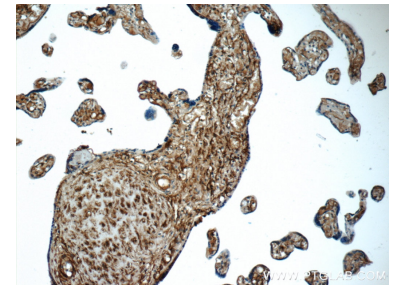
## Selected Validation Data



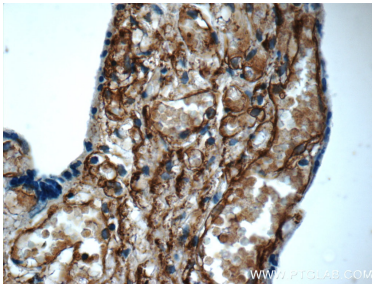
Various lysates were subjected to SDS PAGE followed by western blot with 23997-1-AP (AMPD3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-AMPD3 (IP:23997-1-AP, 4ug; Detection:23997-1-AP 1:800) with mouse kidney tissue lysate 4800ug.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 23997-1-AP (AMPD3 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 23997-1-AP (AMPD3 Antibody) at dilution of 1:50 (under 40x lens).