

For Research Use Only

# AMPD3 Polyclonal antibody

Catalog Number: 23997-1-AP

Featured Product

7 Publications



## Basic Information

### Catalog Number:

23997-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG21199

### GenBank Accession Number:

BC126118

### GeneID (NCBI):

272

### UNIPROT ID:

Q01432

### Full Name:

adenosine monophosphate deaminase (isoform E)

### Calculated MW:

776 aa, 90 kDa

### Observed MW:

70 kDa, 90 kDa

### Purification Method:

Antigen Affinity purified

### Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IP, ELISA

### Cited Applications:

WB, IHC, IP, CoIP

### 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 colon tissue,

## 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

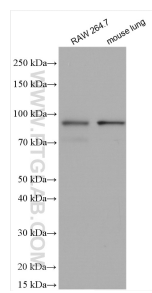
For technical support and original validation data for this product please contact:

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

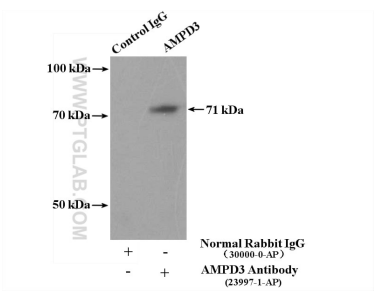
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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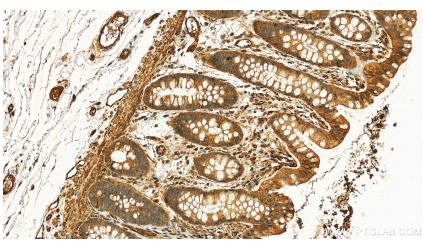
Selected Validation Data



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 normal colon slide using 23997-1-AP (AMPD3 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).