For Research Use Only

AMPD3 Polyclonal antibody

Catalog Number:23997-1-AP Featured Product 7 Publications

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Basic Information

Catalog Number:
23997-1-AP

Concentration:
600 ug/ml

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,

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

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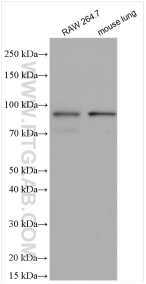
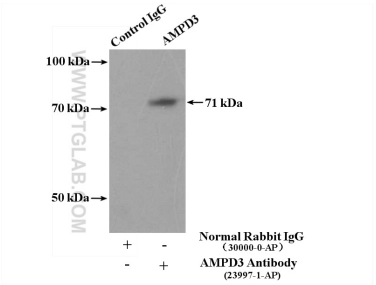
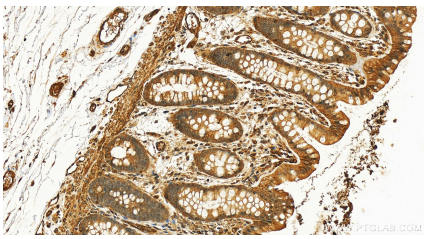
Selected Validation Data



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).