

For Research Use Only

# KATNA1 Polyclonal antibody

Catalog Number: 17560-1-AP

Featured Product

13 Publications



## Basic Information

Catalog Number:

17560-1-AP

Concentration:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11753

GenBank Accession Number:

BC050428

GeneID (NCBI):

11104

UNIPROT ID:

O75449

Full Name:

katanin p60 (ATPase-containing)

subunit A 1

Calculated MW:

55 kDa

Observed MW:

55-60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:1000-1:4000

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

IHC: 1:200-1:800

## Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB, IF

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 : HCT 116 cells, mouse brain tissue, rat brain tissue, HeLa cells

IP : mouse brain tissue,

IHC : human bowen disease,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Dawn M Wenzel	36107470	Elife	IF
Lei Wang	34782749	Cell Res	IF
Jessica Eira	34820375	Front Cell Dev Biol	WB

## 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

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

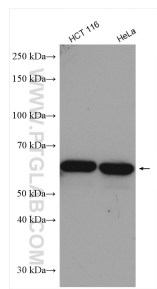
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

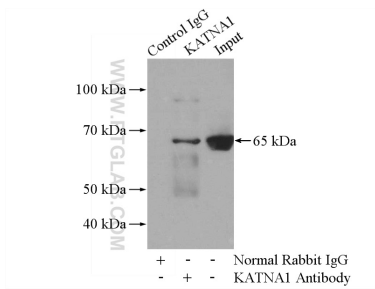
W: [ptgcn.com](http://ptgcn.com)

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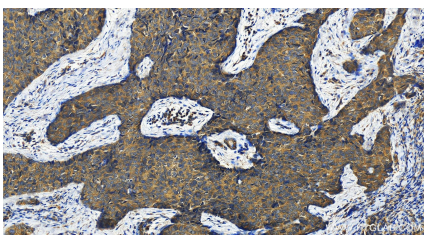
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17560-1-AP (KATNA1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-KATNA1 (IP:17560-1-AP, 4ug; Detection:17560-1-AP 1:500) with mouse brain tissue lysate 3440ug.



Immunohistochemical analysis of paraffin-embedded human bowen disease slide using 17560-1-AP (KATNA1 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).