

For Research Use Only

# APPBP1 Polyclonal antibody

Catalog Number:14863-1-AP

Featured Product

2 Publications



## Basic Information

**Catalog Number:**

14863-1-AP

**Size:**

500 ug/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG6672

**GenBank Accession Number:**

BC000480

**GeneID (NCBI):**

8883

**UNIPROT ID:**

Q13564

**Full Name:**

NEDD8 activating enzyme E1 subunit

1

**Calculated MW:**

60 kDa

**Observed MW:**

60 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2400

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

IHC 1:250-1:1000

## Applications

**Tested Applications:**

WB, IHC, IP, ELISA

**Cited Applications:**

WB, IHC

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human

**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 : human kidney tissue, human brain tissue, mouse brain tissue

IP : mouse kidney tissue,

IHC : mouse salivary gland tissue,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Takumi Matsumoto	19706541	Proc Natl Acad Sci U S A	WB
Qinsong Liu	39296043	Heliyon	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:

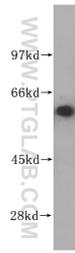
T: 4006900926

E: Proteintech-CN@ptglab.com

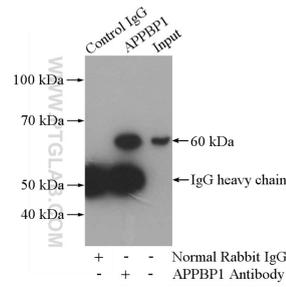
W: ptgcn.com

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

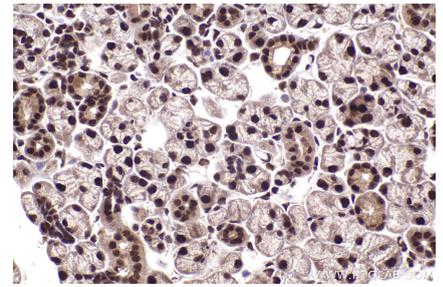
## Selected Validation Data



human kidney tissue were subjected to SDS PAGE followed by western blot with 14863-1-AP (APPBP1 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



IP result of anti-APPBP1 (IP:14863-1-AP, 4ug; Detection:14863-1-AP 1:500) with mouse kidney tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded mouse salivary gland tissue slide using 14863-1-AP (APPBP1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).