

For Research Use Only

# BACE2 Polyclonal antibody

Catalog Number: 16321-1-AP

2 Publications



## Basic Information

### Catalog Number:

16321-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG9404

### GenBank Accession Number:

BC014453

### GeneID (NCBI):

25825

### UNIPROT ID:

Q9Y5Z0

### Full Name:

beta-site APP-cleaving enzyme 2

### Calculated MW:

518 aa, 56 kDa

### Observed MW:

60 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**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 : HEK-293 cells, Hela cells, SH-SY5Y cells

IHC : human colon cancer tissue, human breast cancer tissue

## Notable Publications

Author	Pubmed ID	Journal	Application
Linbin Dai	34500034	Brain Behav Immun	WB
Yayun Du	31928492	Int J Neurosci	WB

## 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

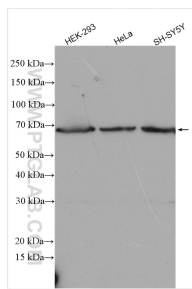
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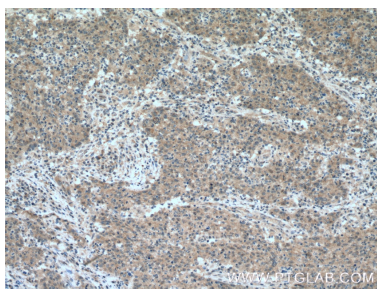
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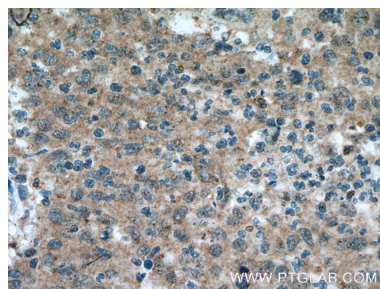
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16321-1-AP (BACE2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 16321-1-AP (BACE2 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 16321-1-AP (BACE2 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).