

# BACE2 Polyclonal antibody

Catalog Number: 16321-1-AP

2 Publications

## Basic Information

## Catalog Number:

16321-1-AP

## Size:

500 µg/ml

## 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:

IHC, WB, 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

## Background Information

### 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

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

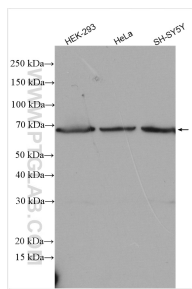
T: 4006900926

E: Proteintech-CN@ptglab.com

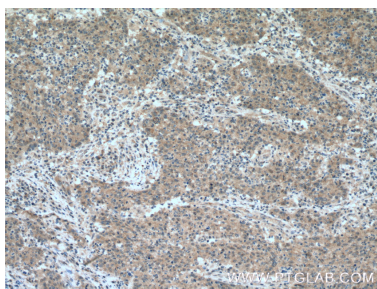
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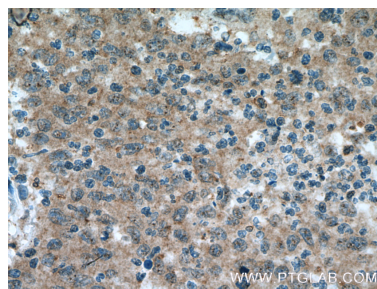
## Selected Validation Data



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).