

For Research Use Only

# NECAB3 Polyclonal antibody

Catalog Number: 18940-1-AP

1 Publications



## Basic Information

### Catalog Number:

18940-1-AP

### Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 247 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG13493

### GenBank Accession Number:

BC047673

### GeneID (NCBI):

63941

### UNIPROT ID:

Q96P71

### Full Name:

N-terminal EF-hand calcium binding protein 3

### Calculated MW:

362aa, 41 kDa; 396aa, 44 kDa

### Observed MW:

40-44 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

IHC

### Species Specificity:

human, mouse, rat

### Cited Species:

mouse

### Positive Controls:

WB : human brain tissue, rat brain tissue

IHC : human pancreas tissue,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

NECAB3, also named as APBA2BP, NIP1, SYTIP2 and XB51, is a potential substrate of Nek2. NECAB3 inhibits the interaction of APBA2 with beta-amyloid precursor protein (APP). NECAB3 has three isoforms with MW 40 kDa, 44 kDa and 22 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Naughton Bartholomew J BJ	24278249	PLoS One	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

\*\*\* 20ul sizes contain 0.1% BSA

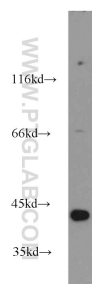
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

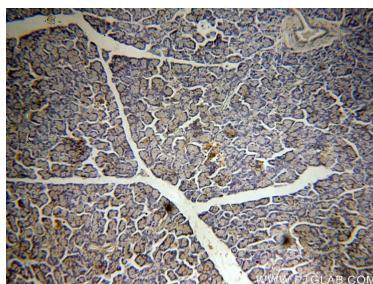
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

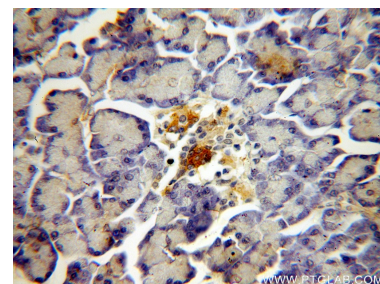
## Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 18940-1-AP (NECAB3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas using 18940-1-AP (NECAB3 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human pancreas using 18940-1-AP (NECAB3 antibody) at dilution of 1:100 (under 40x lens).