

For Research Use Only

NECAB3 Polyclonal antibody

Catalog Number: 18940-1-AP **1 Publications**



Basic Information

Catalog Number:

18940-1-AP

Size:

350 µg/ml

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:

IHC, WB, ELISA

Cited Applications:

IHC

Species Specificity:

human, mouse, rat

Cited Species:

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 : human brain tissue, rat brain tissue

IHC : human pancreas tissue,

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

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

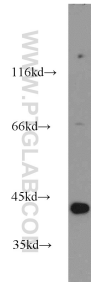
T: 4006900926

E: Proteintech-CN@ptglab.com

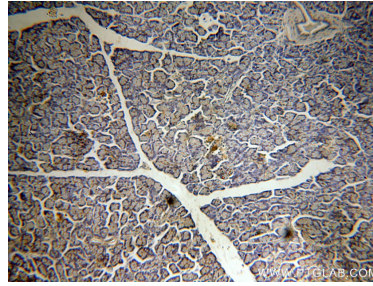
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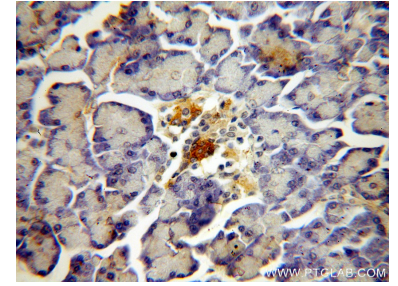
Selected Validation Data



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).