

For Research Use Only

NECAB3 Polyclonal antibody

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



Basic Information

Catalog Number: 18940-1-AP	GenBank Accession Number: BC047673	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 350 µg/ml by Nanodrop and 247 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 63941	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	Full Name: N-terminal EF-hand calcium binding protein 3	
Isotype: IgG	Calculated MW: 362aa, 41 kDa; 396aa, 44 kDa	
Immunogen Catalog Number: AG13493	Observed MW: 40-44 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB: human brain tissue, rat brain tissue
Cited Applications: IHC	IHC: human pancreas tissue,
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

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

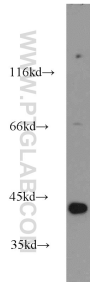
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

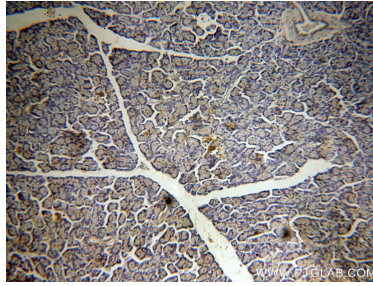
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

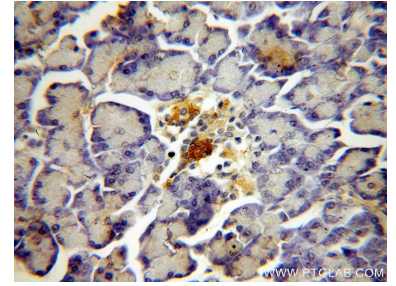
Selected Validation Data



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).