

For Research Use Only

CACNB3 Recombinant antibody

Catalog Number: 84762-3-RR



Basic Information

Catalog Number: 84762-3-RR	GenBank Accession Number: NM_000725.3	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 784	CloneNo.: 242088G1
Source: Rabbit	UNIPROT ID: P54284	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: calcium channel, voltage-dependent, beta 3 subunit	
Immunogen Catalog Number: AG35651	Calculated MW: 55kDa 484aa	
	Observed MW: 58 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : MCF-7 cells, mouse brain tissue, HeLa cells, SH-SY5Y cells, SKOV-3 cells, SW480 cells

Background Information

CACNB3, also known as CACNLB3, is a voltage-gated Ca²⁺ channel subunit. It has 5 isoforms and may play a role in the regulation of transcription factors and calcium transport.

Storage

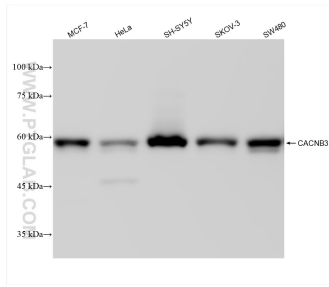
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

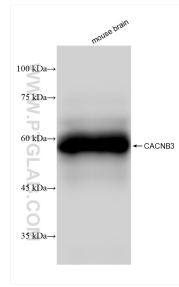
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

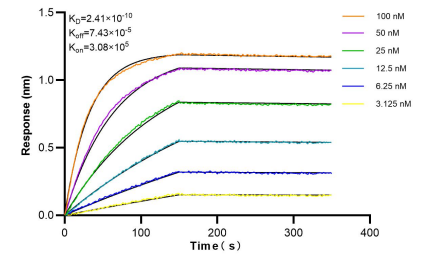
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84762-3-RR (CACNB3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Mouse brain tissue were subjected to SDS PAGE followed by western blot with 84762-3-RR (CACNB3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84762-3-RR against Human CACNB3 were performed. The affinity constant is 0.241 nM.