

For Research Use Only

# CACNB3 Polyclonal antibody

Catalog Number: 31655-1-AP



## Basic Information

<b>Catalog Number:</b> 31655-1-AP	<b>GenBank Accession Number:</b> NM_000725.3	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 700 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 784	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P54284	
<b>Isotype:</b> IgG	<b>Full Name:</b> calcium channel, voltage-dependent, beta 3 subunit	
<b>Immunogen Catalog Number:</b> AG35651	<b>Calculated MW:</b> 55kDa 484aa	
	<b>Observed MW:</b> 60 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : rat brain tissue, mouse brain tissue
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

CACNB3, also known as CACNLB3, is a voltage-gated Ca<sup>2+</sup> channel subunit. It has 5 isoforms and may play a role in the regulation of transcription factors and calcium transport.

## Storage

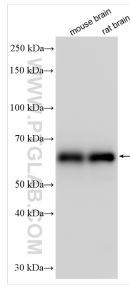
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31655-1-AP (CACNB3 antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.