

For Research Use Only

CACNB3 Recombinant antibody

Catalog Number: 84762-3-RR



Basic Information

Catalog Number:

84762-3-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35651

GenBank Accession Number:

NM_000725.3

GeneID (NCBI):

784

UNIPROT ID:

P54284

Full Name:

calcium channel, voltage-dependent,
beta 3 subunit

Calculated MW:

55kDa, 484aa

Observed MW:

58 kDa

Purification Method:

Protein A purification

CloneNo.:

242088G1

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

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

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

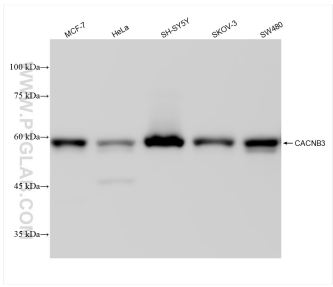
T: 4006900926

E: Proteintech-CN@ptglab.com

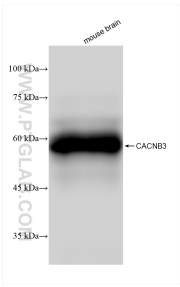
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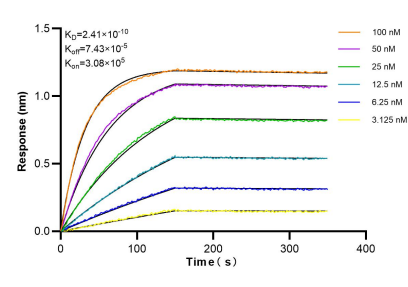
Selected Validation Data



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.