

For Research Use Only

CACNB3 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84762-3-PBS



Basic Information

Catalog Number:

84762-3-PBS

Size:

1 mg/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

Applications

Tested Applications:

WB, Cytometric bead array, Indirect ELISA

Species Specificity:

human, mouse

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

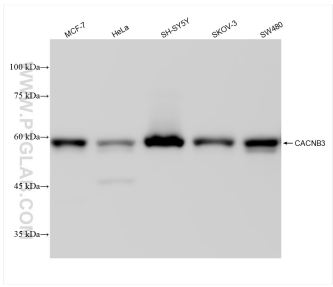
T: 4006900926

E: Proteintech-CN@ptglab.com

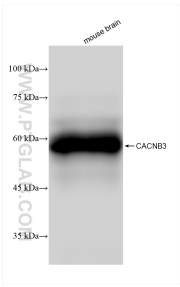
W: ptgcn.com

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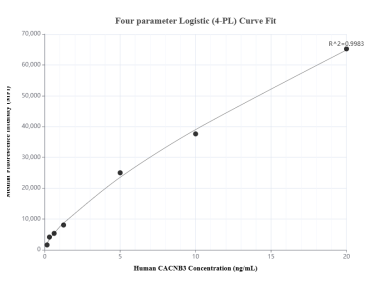
Selected Validation Data



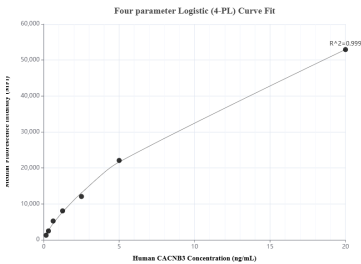
Various lysates were subjected to SDS PAGE followed by western blot with 84762-3-RR (CACNB3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84762-3-PBS in a different storage buffer formulation.



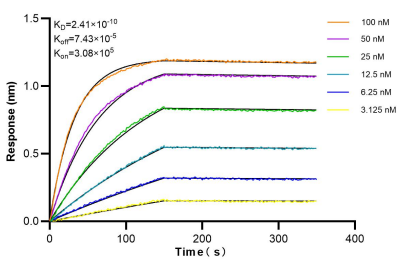
Mouse brain tissue were subjected to SDS PAGE followed by western blot with 84762-3-RR (CACNB3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84762-3-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01545-1, CACNB3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84762-3-PBS. Detection antibody: 84762-2-PBS. Standard: Ag35651. Range: 0.156-20 ng/mL



Cytometric bead array standard curve of MP01545-2, CACNB3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84762-3-PBS. Detection antibody: 84762-1-PBS. Standard: Ag35651. Range: 0.156-20 ng/mL



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