

Product Datasheet

PPP3CB Antibody (PSH0-21)

NBP3-32848

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-32848

PPP3CB Antibody (PSH0-21)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH0-21
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	59 kDa

Product Description	
Description	Novus Biologicals Rabbit PPP3CB Antibody (PSH0-21) (NBP3-32848) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5532
Gene Symbol	PPP3CB
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human Serine/threonine-protein phosphatase 2B catalytic subunit beta isoform 265-318/524 (Uniprot: P16298)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:200, Immunohistochemistry-Paraffin 1:200-1:1000



Images

Western Blot: PPP3CB Antibody (PSH0-21) [NBP3-32848] - Western blot analysis of PPP3CB on different lysates with Rabbit anti-PPP3CB antibody (NBP3-32848) at 1/1,000 dilution.

Lane 1: Mouse brain tissue lysate

Lane 2: Jurkat cell lysate

Lane 3: Rat brain tissue lysate

Lysates/proteins at 10 ug/Lane.

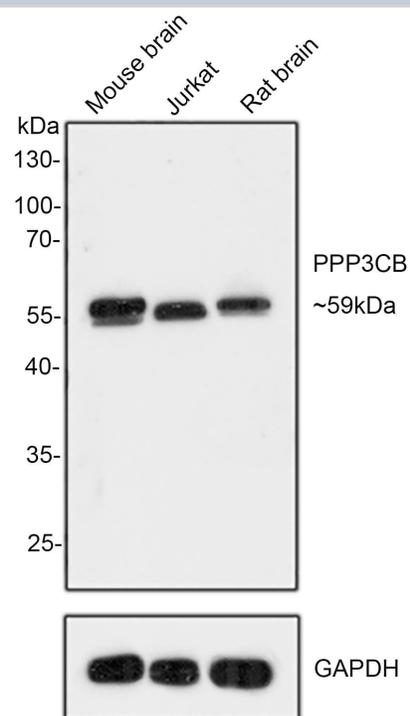
Predicted band size: 59 kDa

Observed band size: 59 kDa

Exposure time: 2 minutes;

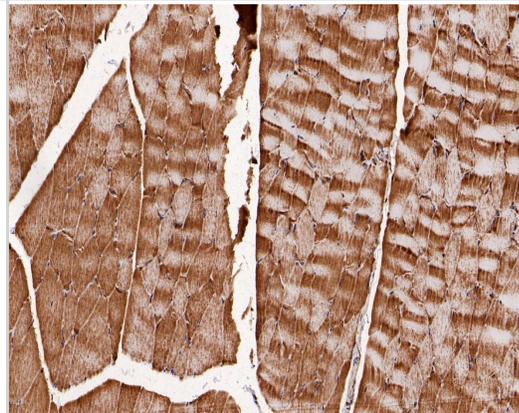
10% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM for 1 hour at room temperature. The primary antibody (NBP3-32848) at 1/1,000 dilution was used in 5% NFDM at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



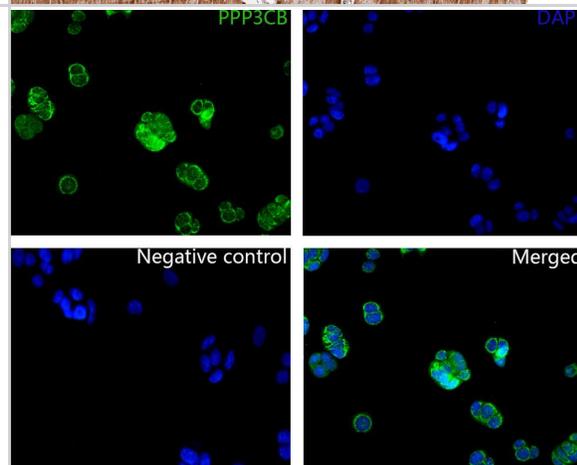
Immunohistochemistry: PPP3CB Antibody (PSH0-21) [NBP3-32848] - Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue with Rabbit anti-PPP3CB antibody at 1/200 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



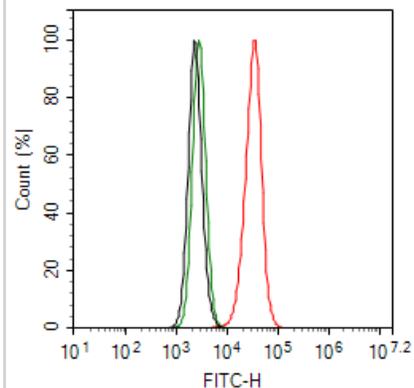
Immunocytochemistry/ Immunofluorescence: PPP3CB Antibody (PSH0-21) [NBP3-32848] - Immunocytochemistry analysis of MCF-7 cells labeling PPP3CB with Rabbit anti-PPP3CB antibody (NBP3-32848) at 1/200 dilution.

Cells were fixed in 4% paraformaldehyde for 10 minutes at 37 °C, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with Rabbit anti-PPP3CB antibody (NBP3-32848) at 1/200 dilution in 2% negative goat serum overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.



Flow Cytometry: PPP3CB Antibody (PSH0-21) [NBP3-32848] - Flow cytometric analysis of MCF-7 cells labeling PPP3CB.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32848, 1ug/ml) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4h for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4h. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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Products Related to NBP3-32848

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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