

Product Datasheet

RTN3 Antibody (PSH0-40) NBP3-32921

Unit Size: 100 ul

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

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NBP3-32921

RTN3 Antibody (PSH0-40)

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	PSH0-40
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	112.6 kDa

Product Description	
Description	Novus Biologicals Rabbit RTN3 Antibody (PSH0-40) (NBP3-32921) is a recombinant monoclonal antibody validated for use in WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10313
Gene Symbol	RTN3
Species	Human, Rat
Immunogen	Recombinant protein within human RTN3 aa 1-500 / 1,032. (Uniprot: O95197)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:500-1:1000, Immunocytochemistry/ Immunofluorescence 1:50



Images

Western Blot: RTN3 Antibody (PSH0-40) [NBP3-32921] - Western blot analysis of RTN3 on different lysates with Rabbit anti-RTN3 antibody (NBP3-32921) at 1/1,000 dilution.

Lane 1: HeLa cell lysate (32 ug/Lane)
 Lane 2: HEK-293 cell lysate (33 ug/Lane)
 Lane 3: U87-MG cell lysate (30 ug/Lane)
 Lane 4: A549 cell lysate (26 ug/Lane)
 Lane 5: SH-SY5Y cell lysate (18 ug/Lane)
 Lane 6: PC-12 cell lysate (23 ug/Lane)
 Lane 7: L6 cell lysate (14 ug/Lane)
 Lane 8: Human cerebellum tissue lysate (40 ug/Lane)

Lysates/proteins at 10 ug/Lane.

Predicted band size: 112.6 kDa
 Observed band size: 100 kDa

Exposure time: 3 minutes;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-32921) at 1/1,000 dilution was used in 5% NFDm/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:200,000 dilution was used for 1 hour at room temperature.

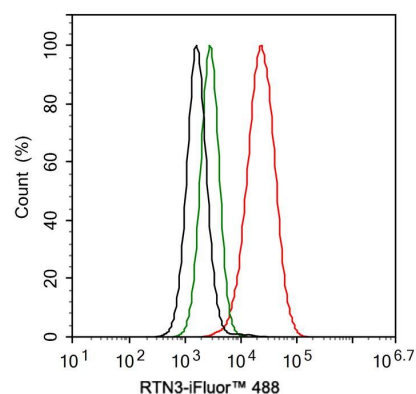
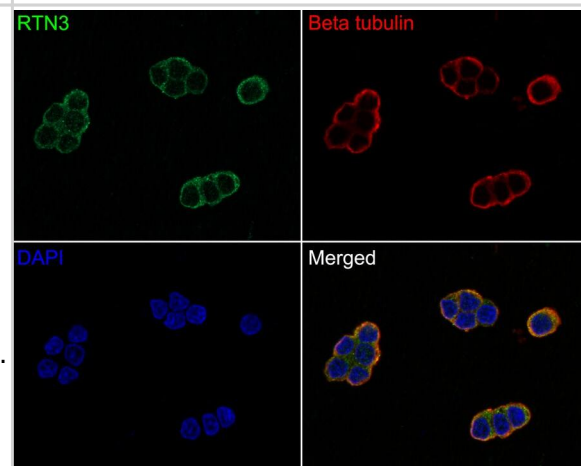
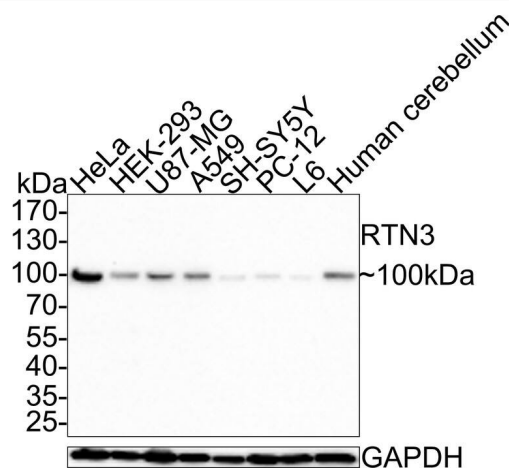
Immunocytochemistry/ Immunofluorescence: RTN3 Antibody (PSH0-40) [NBP3-32921] - Immunocytochemistry analysis of PC-12 cells labeling RTN3 with Rabbit anti-RTN3 antibody (NBP3-32921) at 1/50 dilution.

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-RTN3 antibody (NBP3-32921) at 1/50 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. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.

Flow Cytometry: RTN3 Antibody (PSH0-40) [NBP3-32921] - Flow cytometric analysis of HeLa cells labeling RTN3.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32921, 1ug/ml) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4 °C 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 +4 °C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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Products Related to NBP3-32921

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00010313-Q01-10ug	Recombinant Human RTN3 GST (N-Term) Protein

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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