

Product Datasheet

Rac1,2,3 Antibody NBP3-32887

Unit Size: 100 ul

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

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NBP3-32887

Rac1,2,3 Antibody

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	21 kDa

Product Description	
Description	Novus Biologicals Rabbit Rac1,2,3 Antibody (NBP3-32887) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5879
Gene Symbol	RAC1
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human RAC3 aa 23-192 / 192. (Uniprot: P15153)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:200, Immunohistochemistry-Paraffin 1:600



Images

Western Blot: Rac1,2,3 Antibody [NBP3-32887] - Western blot analysis of Rac1,2,3 on different lysates with Rabbit anti-Rac1,2,3 antibody (NBP3-32887) at 1/500 dilution.

Lane 1: Rat brain tissue lysate

Lane 2: Human brain tissue lysate

Lysates/proteins at 20 ug/Lane.

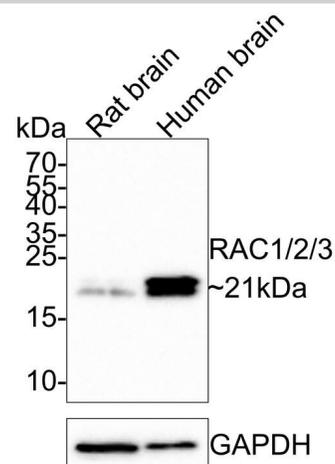
Predicted band size: 21 kDa

Observed band size: 21 kDa

Exposure time: 5 minutes;

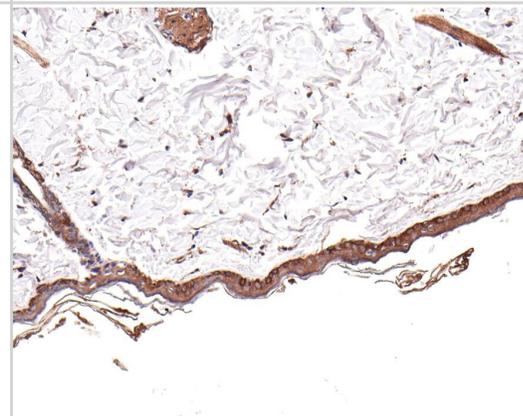
15% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDN/TBST for 1 hour at room temperature. The primary antibody (NBP3-32887) at 1/500 dilution was used in 5% NFDN/TBST 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.



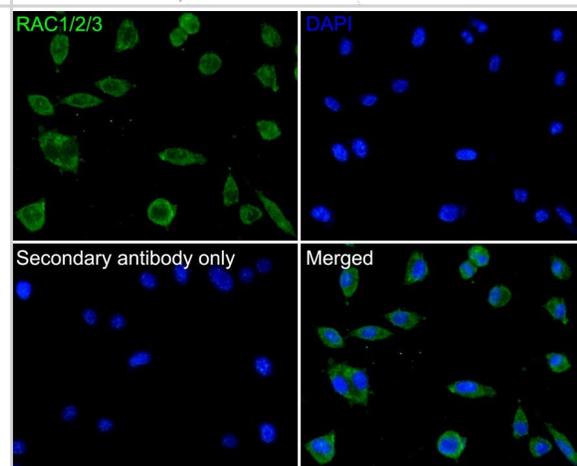
Immunohistochemistry: Rac1,2,3 Antibody [NBP3-32887] - Immunohistochemical analysis of paraffin-embedded rat skin tissue with Rabbit anti-Rac1,2,3 antibody (NBP3-32887) at 1/600 dilution.

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 (NBP3-32887) at 1/600 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: Rac1,2,3 Antibody [NBP3-32887] - Immunocytochemistry analysis of SH-SY5Y cells labeling Rac1,2,3 with Rabbit anti-Rac1,2,3 antibody (NBP3-32887) 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-Rac1,2,3 antibody (NBP3-32887) 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.





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Products Related to NBP3-32887

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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