

Product Datasheet

p38 gamma/SAPK3 Antibody (PSH03-58) NBP3-32693

Unit Size: 100 ul

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

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NBP3-32693

p38 gamma/SAPK3 Antibody (PSH03-58)

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	PSH03-58
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	42 kDa

Product Description

Host	Rabbit
Gene ID	6300
Gene Symbol	MAPK12
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human p38 gamma/SAPK3 aa 1-367 / 367. (Uniprot: P53778)

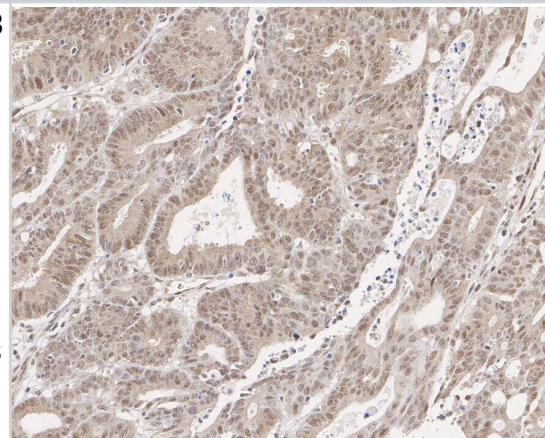
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:1000

Images

Immunohistochemistry: p38 gamma/SAPK3 Antibody (PSH03-58) [NBP3-32693] - Immunohistochemical analysis of paraffin-embedded human colon cancer tissue with Rabbit anti-p38 gamma/SAPK3 antibody (NBP3-32693) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 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 (NBP3-32693) at 1/1,000 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: p38 gamma/SAPK3 Antibody (PSH03-58) [NBP3-32693] - Immunocytochemistry analysis of HeLa cells labeling p38 gamma/SAPK3 with Rabbit anti-p38 gamma/SAPK3 antibody (NBP3-32693) at 1/100 dilution.

Cells were fixed in 100% precooled methanol for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-p38 gamma/SAPK3 antibody (NBP3-32693) at 1/100 dilution in 1% BSA in PBST 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.

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: p38 gamma/SAPK3 Antibody (PSH03-58) [NBP3-32693] - Flow cytometric analysis of HeLa cells labeling p38 gamma/SAPK3.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32693, 1 µg/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).

Western Blot: p38 gamma/SAPK3 Antibody (PSH03-58) [NBP3-32693] - Western blot analysis of p38 gamma/SAPK3 on different lysates with Rabbit anti-p38 gamma/SAPK3 antibody (NBP3-32693) at 1/2,000 dilution.

Lane 1: 293T cell lysate
 Lane 2: HeLa cell lysate
 Lane 3: K-562 cell lysate
 Lane 4: Neuro-2a cell lysate
 Lane 5: PC-12 cell lysate
 Lane 6: Mouse heart tissue lysate
 Lane 7: Mouse skeletal muscle tissue lysate
 Lane 8: Rat skeletal muscle tissue lysate
 Lane 9: Rat heart tissue lysate

Lysates/proteins at 30 µg/Lane.

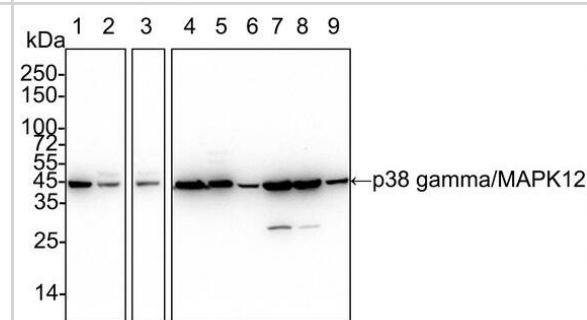
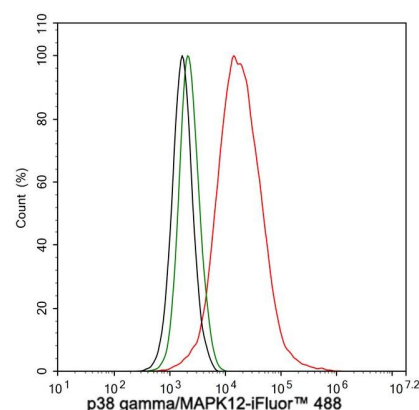
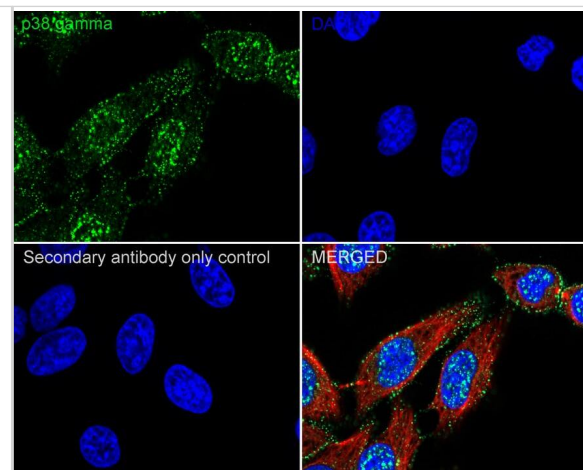
Predicted band size: 42 kDa

Observed band size: 42 kDa

Exposure time: 40 seconds;

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 at 1/2,000 dilution was used in 5% NFDm/TBST at 4 °C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-32693

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-72551-100ug	Recombinant Human p38 gamma/SAPK3 His 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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