

Product Datasheet

p38 alpha Antibody (JF55-07)

NBP2-67006

Unit Size: 100 ul

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

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NBP2-67006

p38 alpha Antibody (JF55-07)

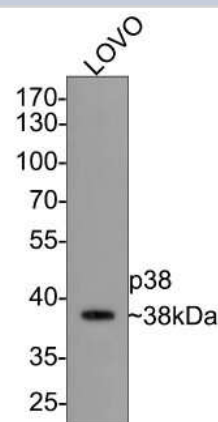
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JF55-07
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene Symbol	MAPK14
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within C-terminal human p38 alpha. (SwissProt: Q16539 Human; SwissProt: P47811 Mouse; SwissProt: P70618 Rat)

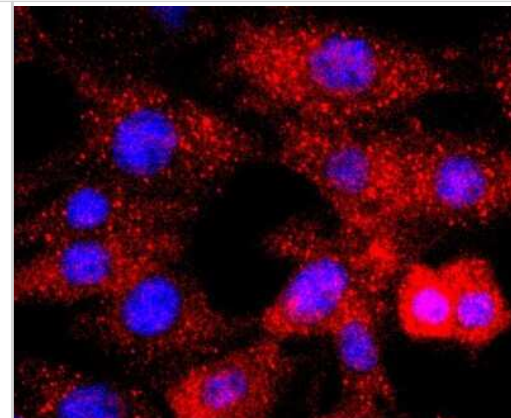
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

Images

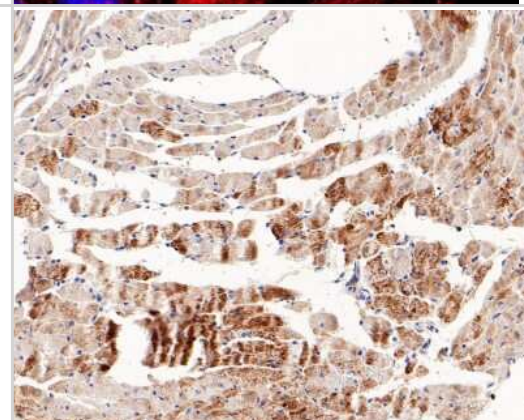
Western Blot: p38 alpha Antibody (JF55-07) [NBP2-67006] - Analysis of p38 on LOVO cell lysates with Rabbit anti-p38 antibody at 1/500 dilution. Lysates/proteins at 10 ug/Lane. Predicted band size: 41 kDa Observed band size: 38 kDa Exposure time: 2 minutes; 10% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/500 dilution was used in 5% NFDM/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.



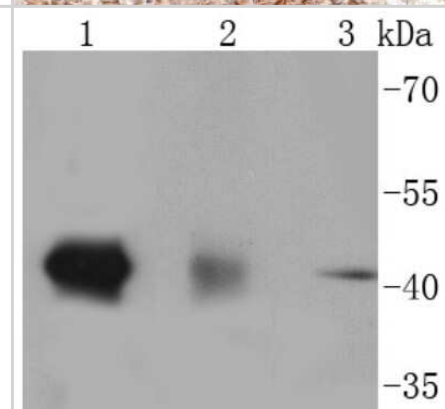
Immunocytochemistry/Immunofluorescence: p38 alpha Antibody (JF55-07) [NBP2-67006] - Staining p38 MAPK in NIH/3T3 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



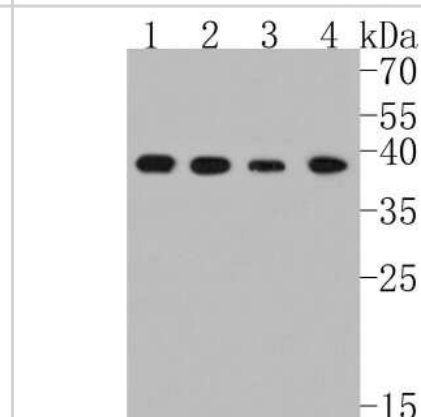
Immunohistochemistry-Paraffin: p38 alpha Antibody (JF55-07) [NBP2-67006] - Analysis of paraffin-embedded mouse heart tissue with Rabbit anti-p38 alpha antibody washed with ddH₂O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



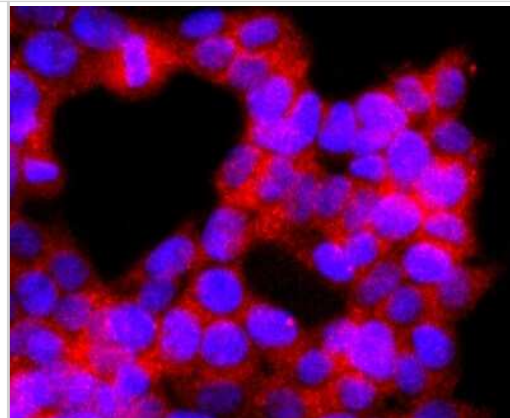
Western Blot: p38 alpha Antibody (JF55-07) [NBP2-67006] - Analysis of p38 MAPK on different lysates using anti-p38 MAPK antibody at 1/1,000 dilution. Positive control: Lane 1: NIH/3T3 Lane 2: Human brain Lane 3: 293



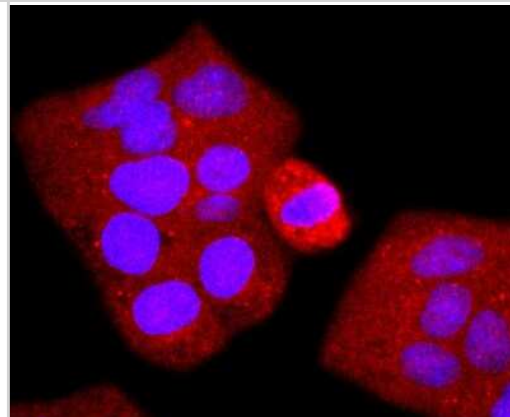
Western Blot: p38 alpha Antibody (JF55-07) [NBP2-67006] - Western blot analysis of p38 alpha on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: NIH/3T3 cell lysate Lane 2: THP-1 cell lysate Lane 3: SiHa cell lysate Lane 4: HL-60 cell lysate



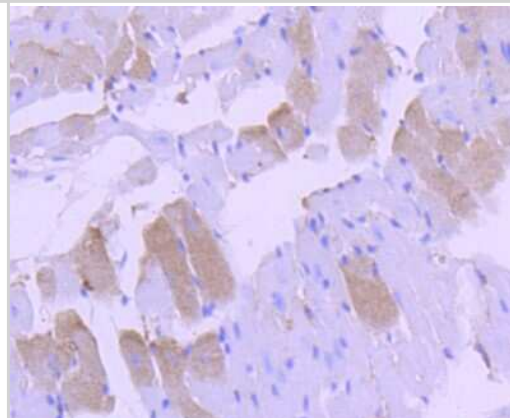
Immunocytochemistry/Immunofluorescence: p38 alpha Antibody (JF55-07) [NBP2-67006] - Staining p38 MAPK in 293T cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunocytochemistry/Immunofluorescence: p38 alpha Antibody (JF55-07) [NBP2-67006] - Staining p38 MAPK in Hela cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: p38 alpha Antibody (JF55-07) [NBP2-67006] - Analysis of paraffin-embedded mouse heart tissue using anti-p38 MAPK antibody. Counter stained with hematoxylin.





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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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