

Product Datasheet

STAT1 [p Tyr701] Antibody (PSH04-02) NBP3-32799

Unit Size: 100 ul

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

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NBP3-32799

STAT1 [p Tyr701] Antibody (PSH04-02)

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	PSH04-02
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	87 kDa

Product Description	
Description	Novus Biologicals Rabbit STAT1 [p Tyr701] Antibody (PSH04-02) (NBP3-32799) is a recombinant monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6772
Gene Symbol	STAT1
Species	Human
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Tyr701 of Human STAT1. (Uniprot: P42224)

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:100



Images

Western Blot: STAT1 [p Tyr701] Antibody (PSH04-02) [NBP3-32799] - Western blot analysis of STAT1 on different lysates with Rabbit anti-STAT1 antibody (NBP3-32799) at 1/1,000 dilution.

Lane 1: HeLa cell lysate
 Lane 2: HeLa treated with 100ng/mL IFN for 30 minutes cell lysate
 Lane 3: HeLa cell lysate
 Lane 4: HeLa treated with 50ng/mL IFN α 1 for 30 minutes cell lysate
 Lane 5: A431 cell lysate
 Lane 6: A431 treated with 100ng/mL EGF for 30 minutes cell lysate

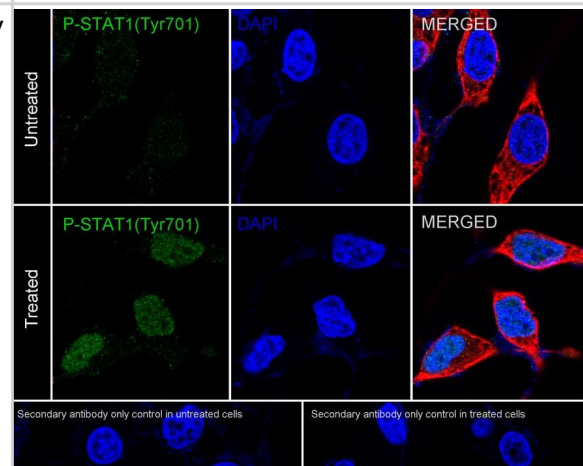
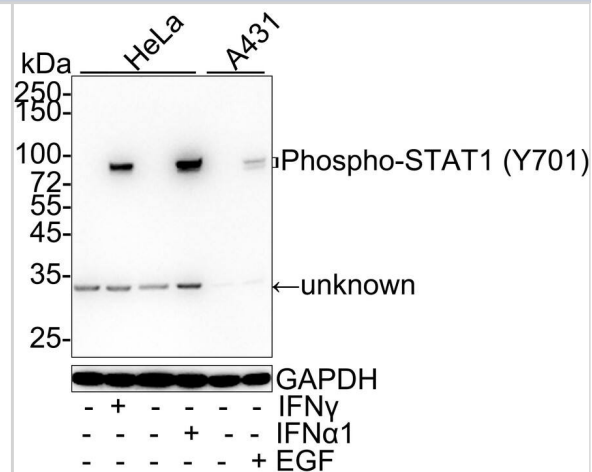
Lysates/proteins at 20 ug/Lane.
 Predicted band size: 87 kDa
 Observed band size: 91/84 kDa (STAT1 α /beta)
 Exposure time: 3 minutes;
 4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-32799) at 1/1,000 dilution was used in 5% NFDm/TBST at 4C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunocytochemistry/ Immunofluorescence: STAT1 [p Tyr701] Antibody (PSH04-02) [NBP3-32799] - Immunocytochemistry analysis of HeLa cells treated with 100ng/mL IFN α 1 for 5 minutes labeling STAT1 with Rabbit anti-STAT1 antibody (NBP3-32799) at 1/100 dilution.

Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS 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-STAT1 antibody (NBP3-32799) 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.





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Products Related to NBP3-32799

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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