

Product Datasheet

PI 3-Kinase p85 alpha [p Tyr199, p Tyr467] Antibody (PSH01-38) NBP3-32818

Unit Size: 100 ul

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

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NBP3-32818

PI 3-Kinase p85 alpha [p Tyr199, p Tyr467] Antibody (PSH01-38)

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	PSH01-38
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Product Description	
Host	Rabbit
Gene ID	5295
Gene Symbol	PIK3R1
Species	Human, Mouse
Immunogen	Synthetic peptide within human PI 3-Kinase p85 alpha aa 451-500 / 724. (Uniprot: P27986)
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:100



Images

Western Blot: PI 3-Kinase p85 alpha [p Tyr199, p Tyr467] Antibody (PSH01-38) [NBP3-32818] - Western blot analysis of PI 3-Kinase p85 alpha on different lysates with Rabbit anti-PI 3-Kinase p85 alpha antibody (NBP3-32818) at 1/1,000 dilution.

Lane 1: NIH/3T3 whole cell lysate

Lane 2: NIH/3T3 treated with 1mM sodium orthovanadate for 30 minutes whole cell lysate

Lysates/proteins at 30 ug/Lane.

Predicted band size: 84 kDa

Observed band size: 55/85 kDa

Exposure time: 3 minutes 10 seconds;

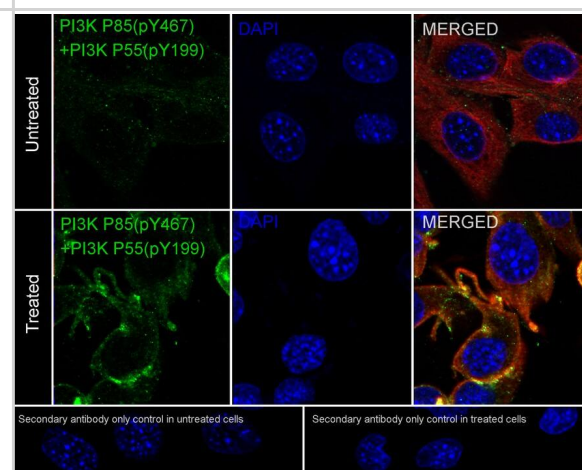
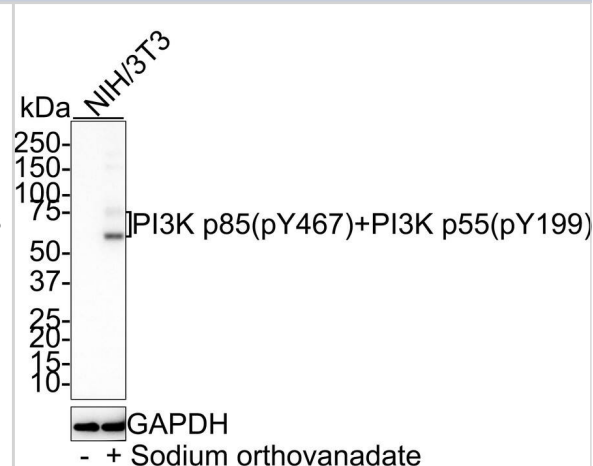
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-32818) 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 1/100,000 dilution was used for 1 hour at room temperature.

Immunocytochemistry/ Immunofluorescence: PI 3-Kinase p85 alpha [p Tyr199, p Tyr467] Antibody (PSH01-38) [NBP3-32818] - Immunocytochemistry analysis of NIH/3T3 cells treated with or without 1mM Sodium orthovanadate for 30 minutes labeling PI 3-Kinase p85 alpha with Rabbit anti-PI 3-Kinase p85 alpha antibody (NBP3-32818) 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-PI 3-Kinase p85 alpha antibody (NBP3-32818) 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 NBP3-32818

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00005295-Q01-10ug	Recombinant Human PI 3-Kinase p85 alpha 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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