

Product Datasheet

PIAS3 Antibody (JE30-36) NBP3-32820

Unit Size: 100 ul

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

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Updated 9/9/2025 v.20.1

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NBP3-32820

PIAS3 Antibody (JE30-36)

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	JE30-36
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	68 kDa
Product Description	
Description	Novus Biologicals Rabbit PIAS3 Antibody (JE30-36) (NBP3-32820) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10401
Gene Symbol	PIAS3
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human PIAS3 aa 600-651. (Uniprot: Q9Y6X2)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:50, Immunohistochemistry-Paraffin 1:100-1:400



Images

Western Blot: PIAS3 Antibody (JE30-36) [NBP3-32820] - Western blot analysis of PIAS3 on different lysates with Rabbit anti-PIAS3 antibody (NBP3-32820) at 1/500 dilution.

Lane 1: MCF-7 cell lysate

Lane 2: HL-60 cell lysate

Lane 3: Rat testis tissue lysate (20 ug/Lane)

Lysates/proteins at 10 ug/Lane.

Predicted band size: 68 kDa

Observed band size: 72 kDa

Exposure time: 2 minutes;

8% 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 (NBP3-32820) 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.

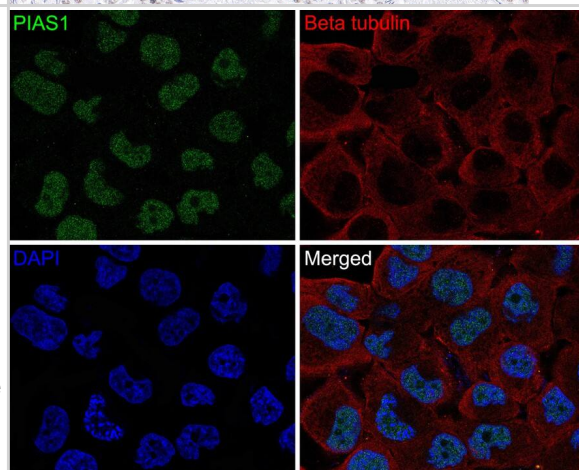
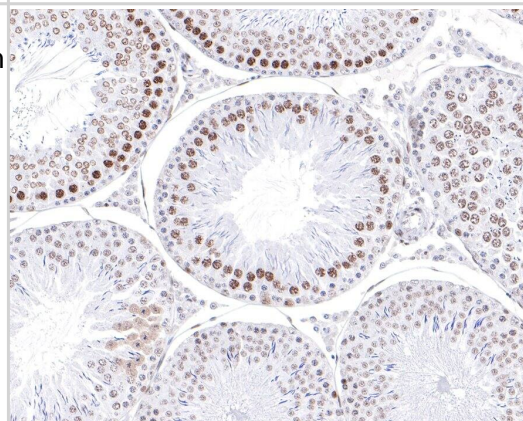
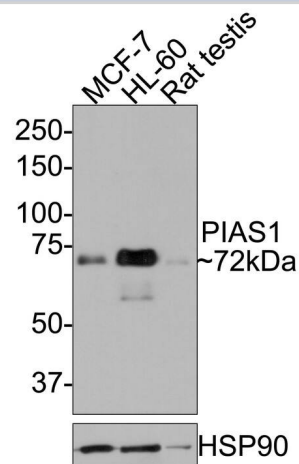
Immunohistochemistry: PIAS3 Antibody (JE30-36) [NBP3-32820] - Immunohistochemical analysis of paraffin-embedded rat testis tissue with Rabbit anti-PIAS3 antibody (NBP3-32820) at 1/100 dilution.

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 (NBP3-32820) at 1/100 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: PIAS3 Antibody (JE30-36) [NBP3-32820] - Immunocytochemistry analysis of NCI-H441 cells labeling PIAS3 with Rabbit anti-PIAS3 antibody (NBP3-32820) at 1/50 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-PIAS3 antibody (NBP3-32820) at 1/50 dilution in 2% negative goat serum overnight at 4 °C. Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) was used as the secondary antibody at 1/1,000 dilution. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/200 dilution overnight at +4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 647) were used as the secondary antibody at 1/1,000 dilution.





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Products Related to NBP3-32820

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-48503PEP	PIAS3 Recombinant Protein Antigen

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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