

# Product Datasheet

## iNOS Antibody (PSH03-69)

### NBP3-32473

Unit Size: 100 ul

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

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**NBP3-32473**

iNOS Antibody (PSH03-69)

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	PSH03-69
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	131 kDa

Product Description	
Description	Novus Biologicals Rabbit iNOS Antibody (PSH03-69) (NBP3-32473) 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	4843
Gene Symbol	NOS2
Species	Human, Mouse
Immunogen	Synthetic peptide. (Uniprot: P35228)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:200



## Images

Western Blot: iNOS Antibody (PSH03-69) [NBP3-32473] - Western blot analysis of iNOS on different lysates with Rabbit anti-iNOS antibody (NBP3-32473) at 1/1,000 dilution.

Lane 1: RAW264.7 cell lysate

Lane 2: RAW264.7 treated with 1ug/mL LPS for 24 hours cell lysate

Lysates/proteins at 10 ug/Lane.

Predicted band size: 131 kDa

Observed band size: 131 kDa

Exposure time: 3 minutes; ECL;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDN/TBST for 1 hour at room temperature. The primary antibody (NBP3-32473) at 1/1,000 dilution was used in 5% NFDN/TBST at 4 overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

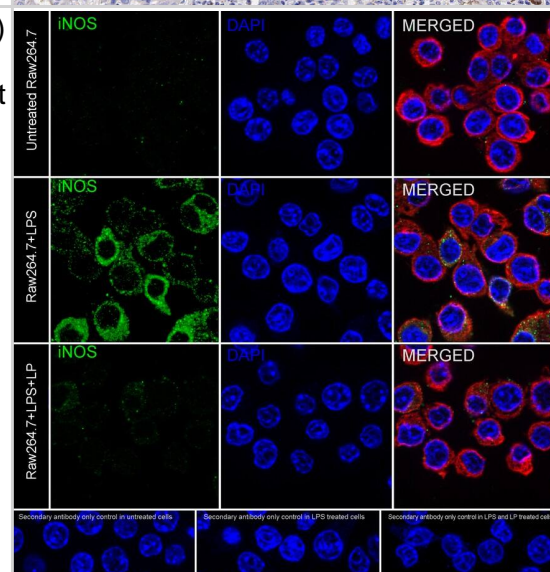
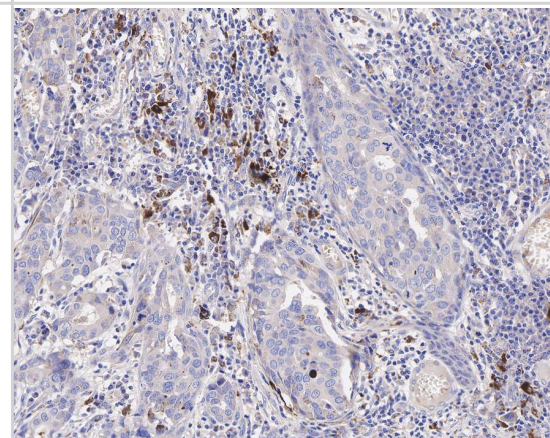
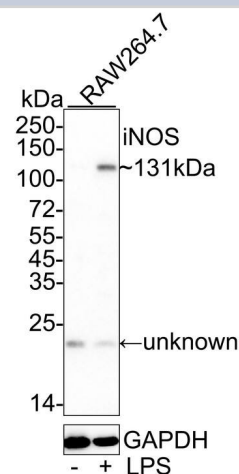
Immunohistochemistry: iNOS Antibody (PSH03-69) [NBP3-32473] - Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue with Rabbit anti-iNOS antibody (NBP3-32473) at 1/200 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32473) 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.

Immunocytochemistry/ Immunofluorescence: iNOS Antibody (PSH03-69) [NBP3-32473] - Immunocytochemistry analysis of RAW264.7 cells treated with or without 1µg/mL LPS for 6 hours labeling iNOS with Rabbit anti-iNOS antibody (NBP3-32473) 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-iNOS antibody (NBP3-32473) 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 NBP3-32473**

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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

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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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