

# Product Datasheet

## p40/deltaNp63 Antibody (PDH0-02) NBP3-32694

Unit Size: 100 ul

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

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**NBP3-32694**

p40/deltaNp63 Antibody (PDH0-02)

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	PDH0-02
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	77 kDa

Product Description	
Description	Novus Biologicals Rabbit p40/deltaNp63 Antibody (PDH0-02) (NBP3-32694) 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	8626
Gene Symbol	TP63
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within human p40/deltaNp63 aa 2-50 / 586 (Q9H3D4-2) (Uniprot: Q9H3D4)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:1000-1:2000



## Images

Western Blot: p40/deltaNp63 Antibody (PDH0-02) [NBP3-32694] - Western blot analysis of p40/deltaNp63 on A431 cell lysates with Rabbit anti-p40/deltaNp63 antibody (NBP3-32694) at 1/1,000 dilution.

Lysates/proteins at 10 ug/Lane.

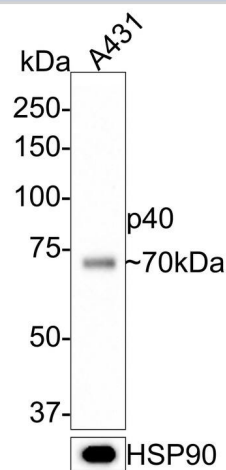
Predicted band size: 77 kDa

Observed band size: 70 kDa

Exposure time: 3 minutes;

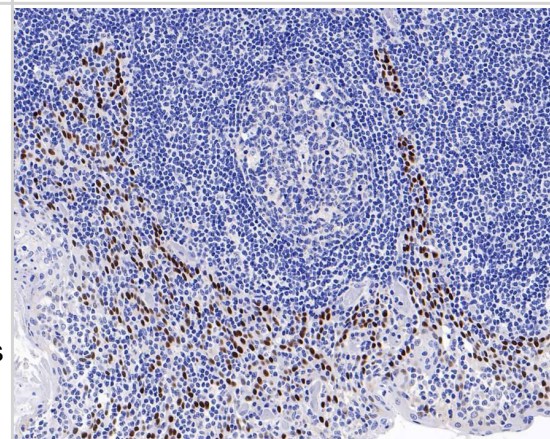
8% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-32694) 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 1:300,000 dilution was used for 1 hour at room temperature.



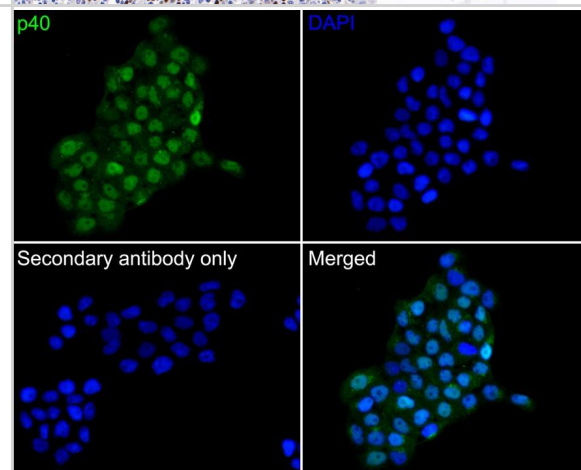
Immunohistochemistry: p40/deltaNp63 Antibody (PDH0-02) [NBP3-32694] - Immunohistochemical analysis of paraffin-embedded human tonsil tissue with Rabbit anti-p40/deltaNp63 antibody (NBP3-32694) at 1/1,000 dilution.

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 ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32694) at 1/1,000 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: p40/deltaNp63 Antibody (PDH0-02) [NBP3-32694] - Immunocytochemistry analysis of A431 cells labeling p40/deltaNp63 with Rabbit anti-p40/deltaNp63 antibody (NBP3-32694) at 1/100 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-p40/deltaNp63 antibody (NBP3-32694) at 1/100 dilution in 2% negative goat serum 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.





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### **Products Related to NBP3-32694**

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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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