

Product Datasheet

TXNDC9 Antibody (PSH04-43) NBP3-33067

Unit Size: 100 ul

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

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NBP3-33067

TXNDC9 Antibody (PSH04-43)

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	PSH04-43
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	27 kDa

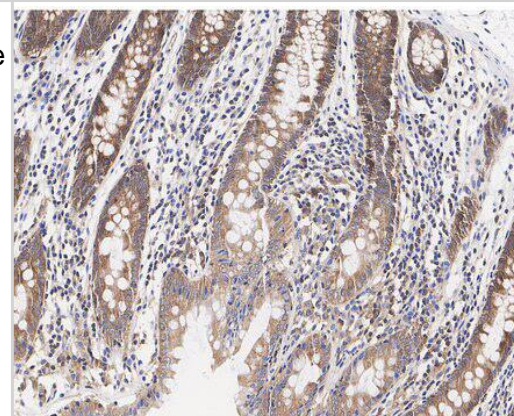
Product Description	
Description	Novus Biologicals Rabbit TXNDC9 Antibody (PSH04-43) (NBP3-33067) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10190
Gene Symbol	TXNDC9
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human TXNDC9 aa 1-226 / 226. (Uniprot: O14530)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:500-1:2000

Images

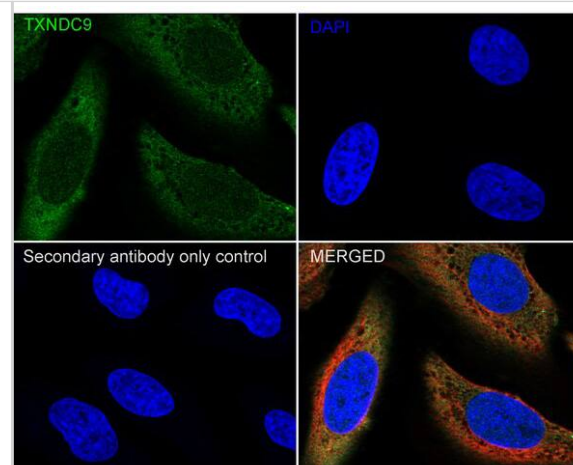
Immunohistochemistry: TXNDC9 Antibody (PSH04-43) [NBP3-33067] - Immunohistochemical analysis of paraffin-embedded human colon tissue with Rabbit anti-TXNDC9 antibody (NBP3-33067) at 1/2,000 dilution.

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 ddH₂O and PBS, and then probed with the primary antibody at 1/2,000 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: TXNDC9 Antibody (PSH04-43) [NBP3-33067] - Immunocytochemistry analysis of HeLa cells labeling TXNDC9 with Rabbit anti-TXNDC9 antibody (NBP3-33067) at 1/100 dilution.

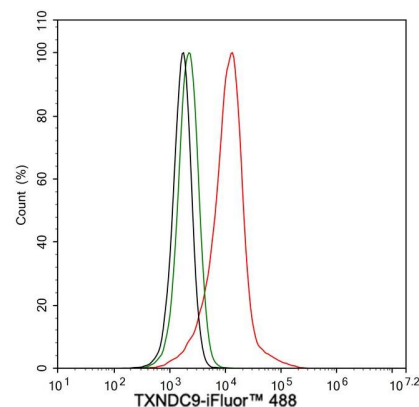
Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-TXNDC9 antibody at 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.

Flow Cytometry: TXNDC9 Antibody (PSH04-43) [NBP3-33067] - Flow cytometric analysis of NIH/3T3 cells labeling TXNDC9.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-33067, 1 µg/mL) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4 °C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4 °C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).



Western Blot: TXNDC9 Antibody (PSH04-43) [NBP3-33067] - Western blot analysis of TXNDC9 on different lysates with Rabbit anti-TXNDC9 antibody (NBP3-33067) at 1/2,000 dilution.

Lane 1: HeLa cell lysate (20 µg/Lane)
 Lane 2: K-562 cell lysate (20 µg/Lane)
 Lane 3: Jurkat cell lysate (20 µg/Lane)
 Lane 4: Raji cell lysate (20 µg/Lane)
 Lane 5: LNCaP cell lysate (20 µg/Lane)
 Lane 6: HEK-293 cell lysate (20 µg/Lane)
 Lane 7: HepG2 cell lysate (20 µg/Lane)
 Lane 8: HUVEC cell lysate (20 µg/Lane)
 Lane 9: NIH/3T3 cell lysate (20 µg/Lane)
 Lane 10: Mouse testis tissue lysate (40 µg/Lane)
 Lane 11: Mouse kidney tissue lysate (40 µg/Lane)
 Lane 12: Rat testis tissue lysate (40 µg/Lane)

Predicted band size: 27 kDa

Observed band size: 27 kDa

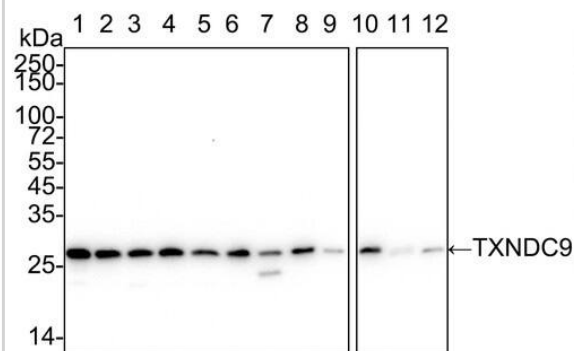
Exposure time:

Lane 1-12 (left): 27 seconds;

Lane 1-12 (right): 1 minute; ECL;

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 at 1/2,000 dilution was used in 5% NFDm/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.





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Products Related to NBP3-33067

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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