

Product Datasheet

TXNRD2 Antibody (PSH02-26)

NBP3-33068

Unit Size: 100 ul

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

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NBP3-33068

TXNRD2 Antibody (PSH02-26)

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	PSH02-26
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	57 kDa

Product Description	
Description	Novus Biologicals Rabbit TXNRD2 Antibody (PSH02-26) (NBP3-33068) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10587
Gene Symbol	TXNRD2
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human TXNRD2 aa 1-524 / 524. (Uniprot: Q9NNW7)

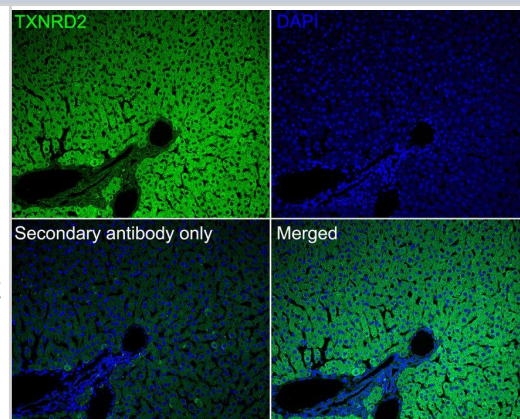
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:200-1:1000



Images

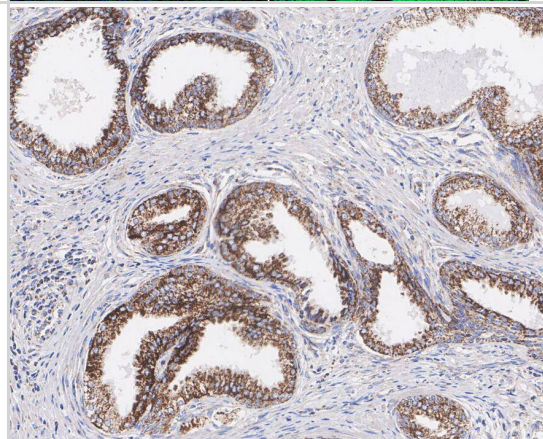
Immunohistochemistry: TXNRD2 Antibody (PSH02-26) [NBP3-33068] - Immunofluorescence analysis of paraffin-embedded rat liver tissue labeling TXNRD2 with Rabbit anti-TXNRD2 antibody (NBP3-33068) at 1/50 dilution.

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 10% negative goat serum for 1 hour at room temperature, washed with PBS, and then probed with the primary antibody (NBP3-33068, green) at 1/50 dilution overnight at 4 °C, washed with PBS. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclei were counterstained with DAPI (blue).



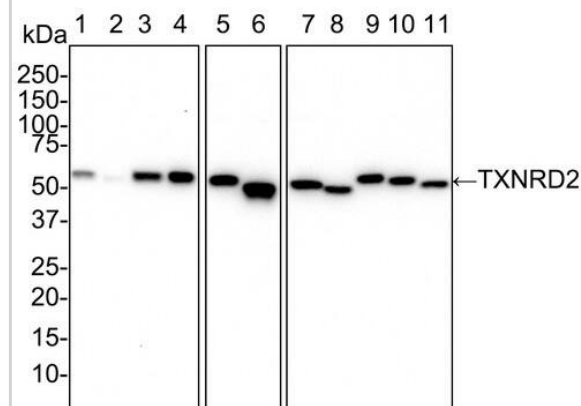
Immunohistochemistry: TXNRD2 Antibody (PSH02-26) [NBP3-33068] - Immunohistochemical analysis of paraffin-embedded human prostate tissue with Rabbit anti-TXNRD2 antibody (NBP3-33068) at 1/1,000 dilution.

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 ddH₂O and PBS, and then probed with the primary antibody (NBP3-33068) 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.



Western Blot: TXNRD2 Antibody (PSH02-26) [NBP3-33068] - Western blot analysis of TXNRD2 on different lysates with Rabbit anti-TXNRD2 antibody (NBP3-33068) at 1/1,000 dilution.

Lane 1: HEK-293 cell lysate (20 µg/Lane)
 Lane 2: HeLa cell lysate (20 µg/Lane)
 Lane 3: A431 cell lysate (20 µg/Lane)
 Lane 4: K-562 cell lysate (20 µg/Lane)
 Lane 5: Mouse heart tissue lysate (40 µg/Lane)
 Lane 6: Rat heart tissue lysate (40 µg/Lane)
 Lane 7: Mouse liver tissue lysate (40 µg/Lane)
 Lane 8: Rat liver tissue lysate (40 µg/Lane)
 Lane 9: Human kidney tissue lysate (40 µg/Lane)
 Lane 10: Mouse kidney tissue lysate (40 µg/Lane)
 Lane 11: Rat kidney tissue lysate (40 µg/Lane)



Predicted band size: 57 kDa
 Observed band size: 57 kDa

Exposure time: 3 minutes;

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 1/1,000 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 NBP3-33068

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00010587-P01-10ug	Recombinant Human TXNRD2 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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