

# Product Datasheet

## Tmp21/p23 Antibody (PSH01-40) NBP3-33030

Unit Size: 100 ul

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

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**NBP3-33030**

Tmp21/p23 Antibody (PSH01-40)

Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	PSH01-40
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH7.4), 0.1% BSA and 40% Glycerol
<b>Target Molecular Weight</b>	25 kDa

Product Description	
<b>Description</b>	Novus Biologicals Rabbit Tmp21/p23 Antibody (PSH01-40) (NBP3-33030) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	10972
<b>Gene Symbol</b>	TMED10
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant protein within human Tmp21/p23 aa 1-200 / 219. (Uniprot: P49755)

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:5000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:200-1:1000



## Images

Western Blot: Tmp21/p23 Antibody (PSH01-40) [NBP3-33030] - Western blot analysis of Tmp21/p23 on different lysates with Rabbit anti-Tmp21/p23 antibody (NBP3-33030) at 1/5,000 dilution.

Lane 1: HeLa cell lysate (20 ug/Lane)  
 Lane 2: 293T cell lysate (20 ug/Lane)  
 Lane 3: Raji cell lysate (20 ug/Lane)  
 Lane 4: Jurkat cell lysate (20 ug/Lane)  
 Lane 5: HepG2 cell lysate (20 ug/Lane)  
 Lane 6: Ramos cell lysate (20 ug/Lane)  
 Lane 7: U-87 MG cell lysate (20 ug/Lane)  
 Lane 8: RAW264.7 cell lysate (20 ug/Lane)  
 Lane 9: Neuro-2a cell lysate (20 ug/Lane)  
 Lane 10: PC-12 cell lysate (20 ug/Lane)  
 Lane 11: Mouse pancreas tissue lysate (40 ug/Lane)  
 Lane 12: Mouse liver tissue lysate (40 ug/Lane)  
 Lane 13: Rat pancreas tissue lysate (40 ug/Lane)  
 Lane 14: Rat liver tissue lysate (40 ug/Lane)

Predicted band size: 25 kDa  
 Observed band size: 19 kDa

Exposure time: 2 minutes 13 seconds;

4-20% SDS-PAGE gel.

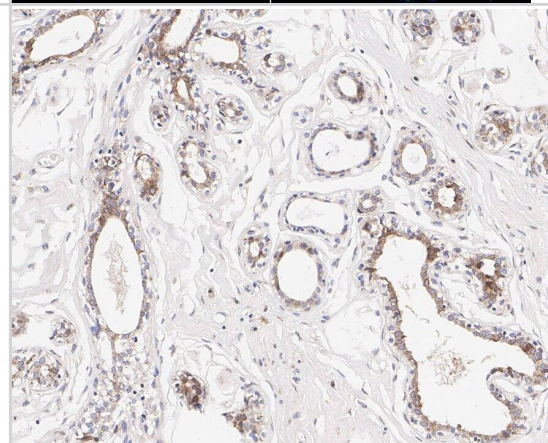
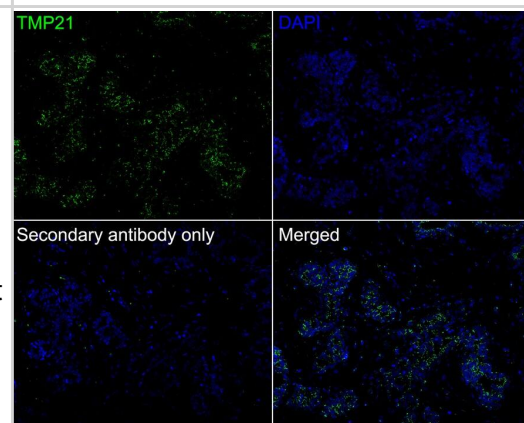
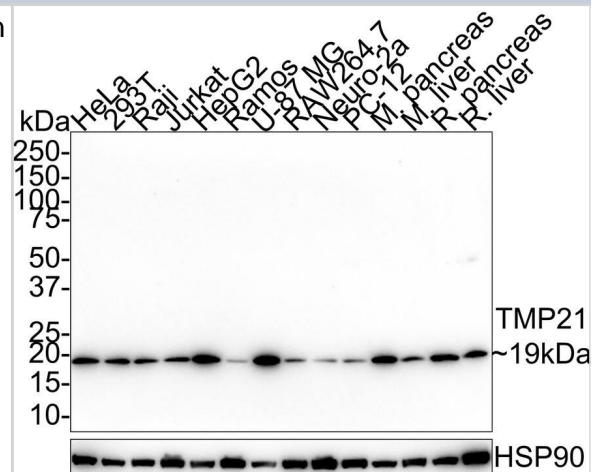
Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-33030) at 1/5,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: Tmp21/p23 Antibody (PSH01-40) [NBP3-33030] - Immunofluorescence analysis of paraffin-embedded human breast tissue labeling Tmp21/p23 with Rabbit anti-Tmp21/p23 antibody (NBP3-33030) 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 10% negative goat serum for 1 hour at room temperature, washed with PBS, and then probed with the primary antibody (NBP3-33030, green) at 1/200 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: Tmp21/p23 Antibody (PSH01-40) [NBP3-33030] - Immunohistochemical analysis of paraffin-embedded human breast tissue with Rabbit anti-Tmp21/p23 antibody (NBP3-33030) 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 (NBP3-33030) 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.





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### **Products Related to NBP3-33030**

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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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