

# Product Datasheet

## PRPF4 Antibody (JE65-37)

### NBP3-32858

Unit Size: 100 ul

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

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**NBP3-32858**

PRPF4 Antibody (JE65-37)

<b>Product Information</b>	
<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>	JE65-37
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
<b>Target Molecular Weight</b>	58 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit PRPF4 Antibody (JE65-37) (NBP3-32858) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	9128
<b>Gene Symbol</b>	PRPF4
<b>Species</b>	Human
<b>Immunogen</b>	Synthetic peptide within human PRPF4 aa 1-50/522. (Uniprot: O43172)
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:100-1:400



## Images

Western Blot: PRPF4 Antibody (JE65-37) [NBP3-32858] - Western blot analysis of PRPF4 on different lysates with Rabbit anti-PRPF4 antibody (NBP3-32858) at 1/500 dilution.

Lane 1: HT-29 cell lysate  
Lane 2: SW480 cell lysate  
Lane 3: MCF-7 cell lysate

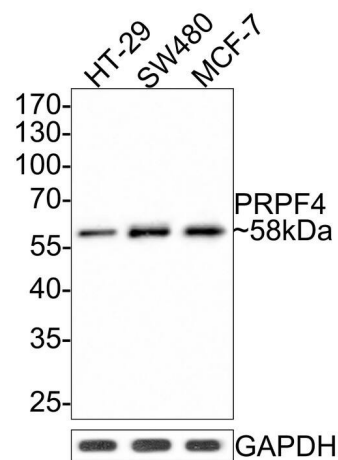
Lysates/proteins at 10 ug/Lane.

Predicted band size: 58 kDa  
Observed band size: 58 kDa

Exposure time: 2 minutes;

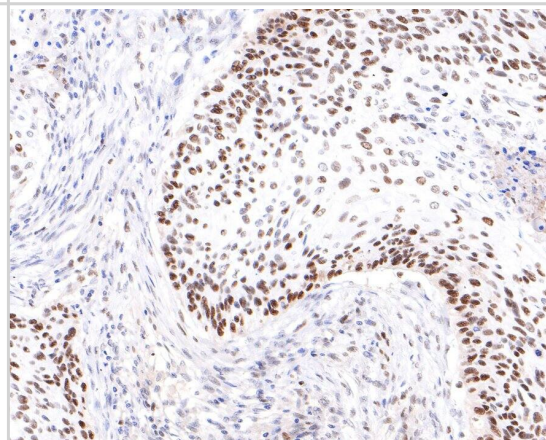
10% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDN/TBST for 1 hour at room temperature. The primary antibody (NBP3-32858) at 1/500 dilution was used in 5% NFDN/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.



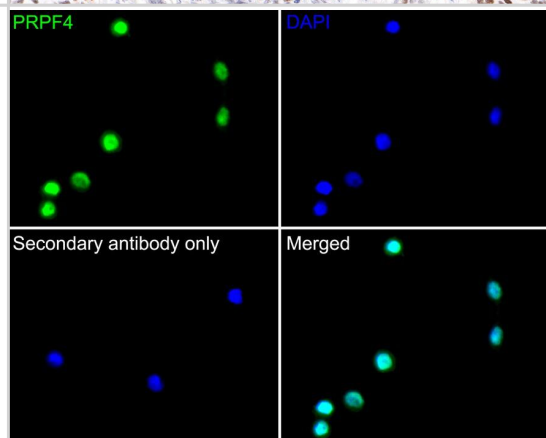
Immunohistochemistry: PRPF4 Antibody (JE65-37) [NBP3-32858] - Immunohistochemical analysis of paraffin-embedded human cervical carcinoma tissue with Rabbit anti-PRPF4 antibody (NBP3-32858) at 1/400 dilution.

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 (NBP3-32858) at 1/400 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: PRPF4 Antibody (JE65-37) [NBP3-32858] - Immunocytochemistry analysis of SiHa cells labeling PRPF4 with Rabbit anti-PRPF4 antibody (NBP3-32858) at 1/200 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-PRPF4 antibody (NBP3-32858) at 1/200 dilution in 2% negative goat serum overnight at 4 °C. Goat Anti-Rabbit IgG H&L (Alexa Fluor® 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 NBP3-32858**

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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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