

Product Datasheet

Tbp7 Antibody (JE62-72) NBP3-32997

Unit Size: 100 ul

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

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NBP3-32997

Tbp7 Antibody (JE62-72)

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	JE62-72
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	47 kDa

Product Description	
Description	Novus Biologicals Rabbit Tbp7 Antibody (JE62-72) (NBP3-32997) 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	5704
Gene Symbol	PSMC4
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human Tbp7 aa 369-418. (Uniprot: P43686)

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



Images

Western Blot: Tbp7 Antibody (JE62-72) [NBP3-32997] - Western blot analysis of Tbp7 on different lysates with Rabbit anti-Tbp7 antibody (NBP3-32997) at 1/1,000 dilution.

Lane 1: K-562 cell lysate (20 ug/Lane)
 Lane 2: HEK-293 cell lysate (20 ug/Lane)
 Lane 3: HeLa cell lysate (20 ug/Lane)
 Lane 4: U-2 OS cell lysate (20 ug/Lane)
 Lane 5: HepG2 cell lysate (20 ug/Lane)
 Lane 6: MCF7 cell lysate (20 ug/Lane)
 Lane 7: Jurkat cell lysate (20 ug/Lane)
 Lane 8: Mouse testis tissue lysate (40 ug/Lane)
 Lane 9: Rat testis tissue lysate (40 ug/Lane)

Predicted band size: 47 kDa
 Observed band size: 47 kDa

Exposure time: 17 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 (NBP3-32997) 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 1:100,000 dilution was used for 1 hour at room temperature.

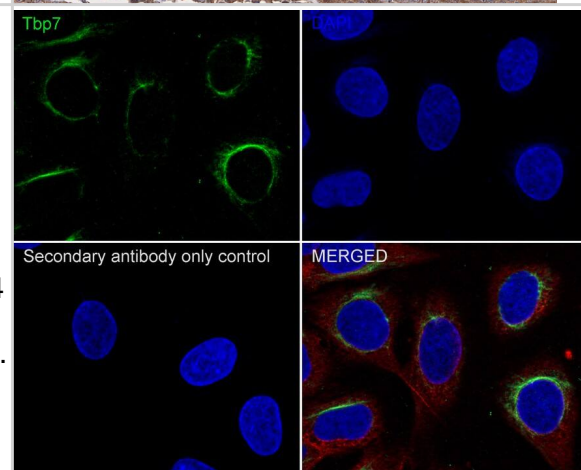
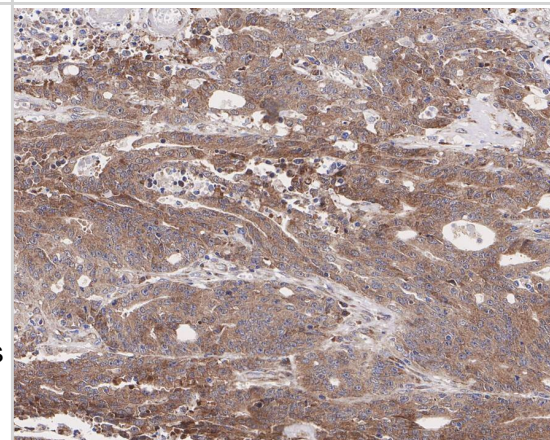
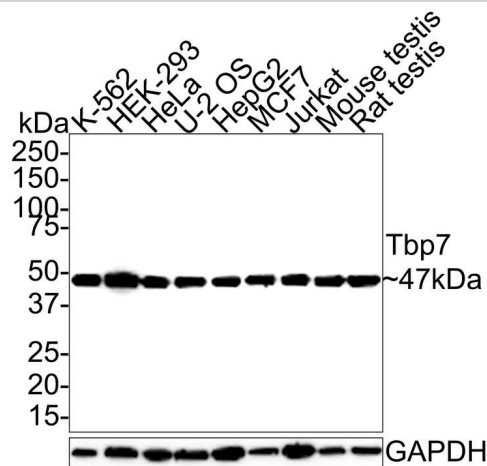
Immunohistochemistry: Tbp7 Antibody (JE62-72) [NBP3-32997] - Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue with Rabbit anti-Tbp7 antibody (NBP3-32997) at 1/1,000 dilution.

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 (NBP3-32997) 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: Tbp7 Antibody (JE62-72) [NBP3-32997] - Immunocytochemistry analysis of U-2 OS cells labeling Tbp7 with Rabbit anti-Tbp7 antibody (NBP3-32997) at 1/100 dilution.

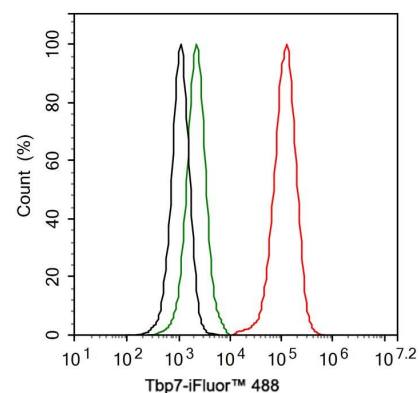
Cells were fixed in 4% paraformaldehyde for 10 minutes at 37 °C, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with Rabbit anti-Tbp7 antibody (NBP3-32997) at 1/100 dilution in 2% 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. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/200 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: Tbp7 Antibody (JE62-72) [NBP3-32997] - Flow cytometric analysis of U-2 OS cells labeling Tbp7.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32997, 1ug/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).





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Products Related to NBP3-32997

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00005704-P01-10ug	Recombinant Human Tbp7 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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