

Product Datasheet

TOM1 Antibody (PSH03-38)

NBP3-33035

Unit Size: 100 ul

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-33035

Updated 8/7/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP3-33035



NBP3-33035

TOM1 Antibody (PSH03-38)

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	PSH03-38
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	54 kDa
Product Description	
Host	Rabbit
Gene ID	10043
Gene Symbol	TOM1
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human TOM1 aa 300-450. (Uniprot: O60784)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:200-1:1000



Images

Western Blot: TOM1 Antibody (PSH03-38) [NBP3-33035] - Western blot analysis of TOM1 on different lysates with Rabbit anti-TOM1 antibody (NBP3-33035) at 1/2,000 dilution.

Lane 1: 293T cell lysate (20 ug/Lane)
 Lane 2: U-2 OS cell lysate (20 ug/Lane)
 Lane 3: A431 cell lysate (20 ug/Lane)
 Lane 4: K-562 cell lysate (20 ug/Lane)
 Lane 5: HepG2 cell lysate (20 ug/Lane)
 Lane 6: HeLa cell lysate (20 ug/Lane)
 Lane 7: JAR cell lysate (20 ug/Lane)
 Lane 8: THP-1 cell lysate (20 ug/Lane)
 Lane 9: C2C12 cell lysate (20 ug/Lane)
 Lane 10: PC-12 cell lysate (20 ug/Lane)
 Lane 11: Mouse heart tissue lysate (40 ug/Lane)
 Lane 12: Mouse skeletal muscle tissue lysate (40 ug/Lane)
 Lane 13: Rat liver tissue lysate (40 ug/Lane)

Predicted band size: 54 kDa
 Observed band size: 54 kDa

Exposure time: 3 minutes;

4-20% SDS-PAGE gel.

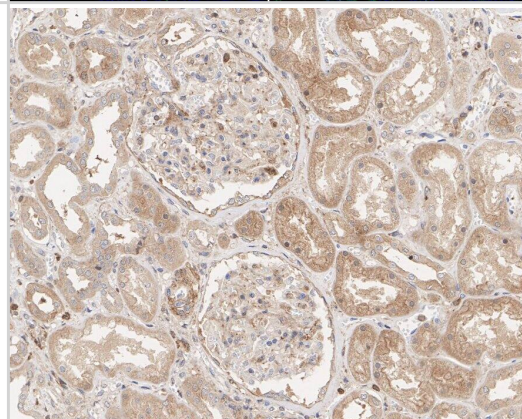
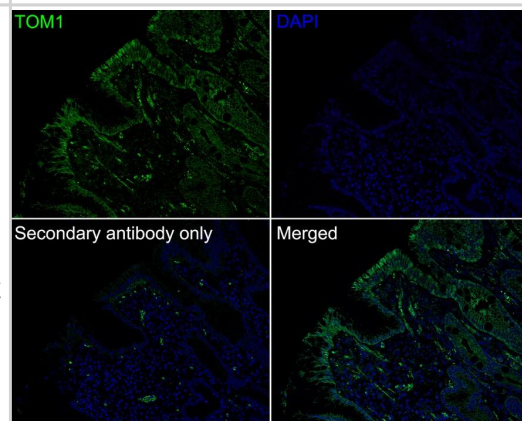
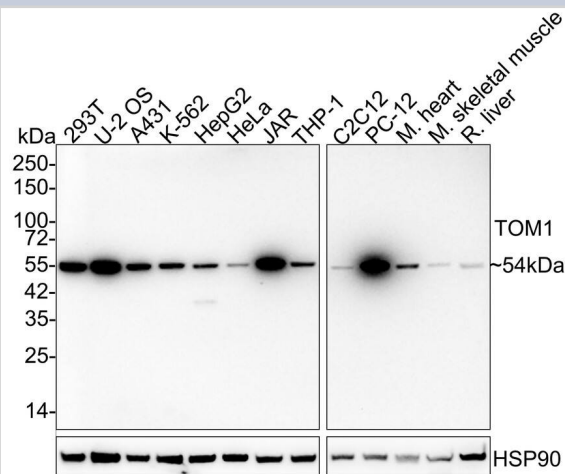
Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-33035) at 1/2,000 dilution was used in 5% NFDm/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: TOM1 Antibody (PSH03-38) [NBP3-33035] - Immunofluorescence analysis of paraffin-embedded human stomach carcinoma tissue labeling TOM1 with Rabbit anti-TOM1 antibody (NBP3-33035) 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 (NBP3-33035, 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: TOM1 Antibody (PSH03-38) [NBP3-33035] - Immunohistochemical analysis of paraffin-embedded human kidney tissue with Rabbit anti-TOM1 antibody (NBP3-33035) 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 ddH₂O and PBS, and then probed with the primary antibody (NBP3-33035) 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.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-33035

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00010043-P01-10ug	Recombinant Human TOM1 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP3-33035

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

