

# Product Datasheet

## TOM70 Antibody - Azide and BSA Free H00009868-B01P

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/H00009868-B01P](http://www.novusbio.com/H00009868-B01P)

Updated 2/21/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/H00009868-B01P](http://www.novusbio.com/reviews/destination/H00009868-B01P)



**H00009868-B01P**

TOM70 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

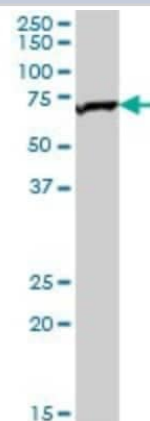
Product Description	
Host	Mouse
Gene ID	9868
Gene Symbol	TOMM70
Species	Human, Mouse
Specificity/Sensitivity	Reacts with translocase of outer mitochondrial membrane 70 homolog A (yeast).
Immunogen	TOMM70A (NP_055635, 1 a.a. - 608 a.a.) full-length human protein. MAASKPVEAAVVAAPSSGSGVGGGGTAGPGTGGGLPRWQLALAVGAPLLL GAGAIYLWSRQQRRREARGRGDASGLKRNSERKTPEGRASPAPGSGHPEGP GAHLDMNSLDRAQAANKNGNKYFKAGKYEQAIQCYTEAISLCPTTEKNVDLSTF YQNRAAAFEQLQKWKEVAQDCTKAVELNPKYVKALFRRAKAHEKLDNKKECL EDVTAVCILEGFQNNQSMMLADKVLKLLGKEKAKEKYKNREPLMPSPQFIKSYF SSFTDDIISQPMLKGEKSDEDDKDEGEALEVKENSGYLKAKQYMEEENYDKIIS ECSKEIDAEGKYMAEALLLRATFYLLIGNANAAPDLKVISLKEANVKLRANALI KRGSMYMQQQPLLSTQDFNMAADIDPQNADVHHRGQLKILLDQVEEAVAD FDECIRLRPESALAQAQKCFALYRQAYTGNNSSQIQAAAMKGFEEVIKKFPRCAE GYALYAQALTDQQQFGKADEMYDKCIDLEPDNATTYVHKGLLQLQWKQDLDR GLELISKAIEIDNKCDFAYETMGTEVQRGNMEKAIDMFNKAINLAKSEMEMAHL YSLCDAHAHQTEVAKKYGLKPPTL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10-1:500
Application Notes	This antibody is reactive against tissue and transfected lysate in western blot, and as a detection antibody in ELISA.

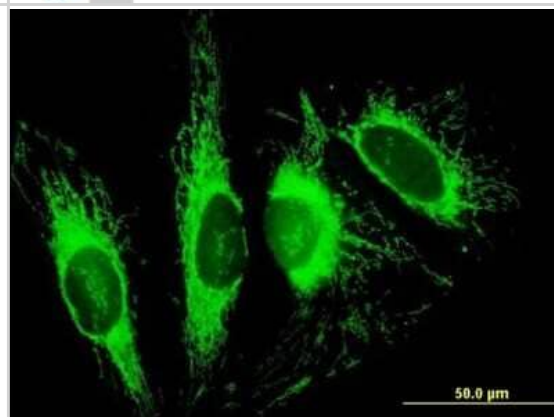


## Images

Western Blot: TOM70 Antibody [H00009868-B01P] - Analysis of TOMM70A expression in human liver.



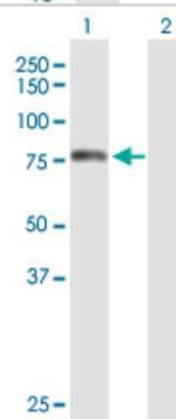
Immunocytochemistry/Immunofluorescence: TOM70 Antibody [H00009868-B01P] - Analysis of purified antibody to TOMM70A on HeLa cell. (antibody concentration 10 ug/ml)



Western Blot: TOM70 Antibody [H00009868-B01P] - Analysis of TOMM70A expression in HepG2.



Western Blot: TOM70 Antibody [H00009868-B01P] - Analysis of TOMM70A expression in transfected 293T cell line by TOMM70A polyclonal antibody. Lane 1: TOMM70A transfected lysate(66.88 KDa). Lane 2: Non-transfected lysate.



## Publications

Filadi R, Leal NS, Schreiner B et al. TOM70 Sustains Cell Bioenergetics by Promoting IP3R3-Mediated ER to Mitochondria Ca<sup>2+</sup> Transfer. *Curr Biol* 2018-01-27 [PMID: 29395920]



### **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 H00009868-B01P**

---

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
NBP1-87863PEP	TOM70 Recombinant Protein Antigen

---

### **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](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/H00009868-B01P](http://www.novusbio.com/reviews/submit/H00009868-B01P)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

