

# Product Datasheet

## TPT1/TCTP Antibody (3C7) - Azide and BSA Free H00007178-M01

Unit Size: 0.1 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: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/H00007178-M01](http://www.novusbio.com/H00007178-M01)

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/H00007178-M01](http://www.novusbio.com/reviews/destination/H00007178-M01)



**H00007178-M01**

TPT1/TCTP Antibody (3C7) - Azide and BSA Free

Product Information	
Unit Size	0.1 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	Monoclonal
Clone	3C7
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

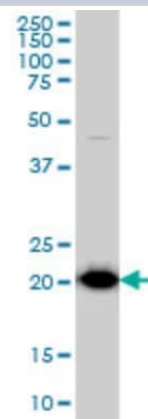
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	7178
Gene Symbol	TPT1
Species	Human
Specificity/Sensitivity	TPT1 - tumor protein, translationally-controlled 1
Immunogen	TPT1 (AAH22436, 35 a.a. ~ 138 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. GVDIVMNHHLQETSFTKEAYKKYIKDYMKSIKGLKEEQRPERVKPFMTGAAEQI KHILANFKNYQFFIGENMNPDMVALLDYREDGVTPYMIFFKDGLEMEKC
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF and ELISA.

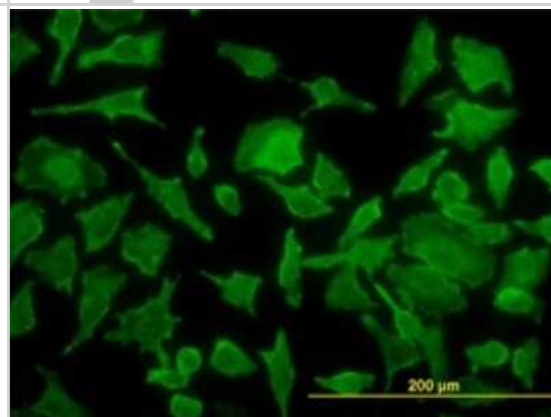


## Images

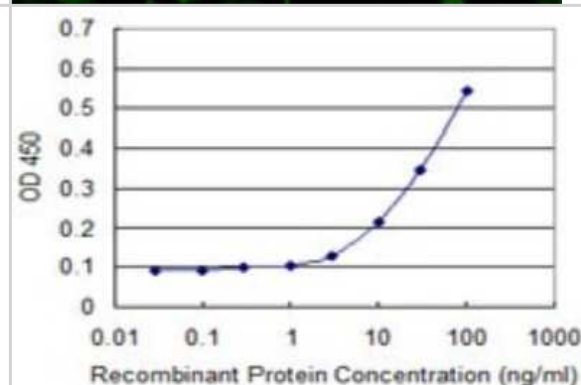
Western Blot: TPT1/TCTP Antibody (3C7) [H00007178-M01] - TPT1 monoclonal antibody (M01), clone 3C7 Analysis of TPT1 expression in HepG2.



Immunocytochemistry/Immunofluorescence: TPT1/TCTP Antibody (3C7) [H00007178-M01] - Analysis of monoclonal antibody to TPT1 on HeLa cell. Antibody concentration 30 ug/ml.



ELISA: TPT1/TCTP Antibody (3C7) [H00007178-M01] - Detection limit for recombinant GST tagged TPT1 is approximately 0.3ng/ml as a capture antibody.



## Publications

Chen K, Chen S, Huang C et al. TCTP increases stability of hypoxia-inducible factor 1alpha by interaction with and degradation of the tumour suppressor VHL. *Biol Cell*. 2013-05-01 [PMID: 23387829] (Human)

Chen Ke, Huang Chunhua, Yuan Jia et al. Long-term artificial selection reveals a role of TCTP in autophagy in mammalian cells. *Mol Biol Evol*. 2014-06-02 [PMID: 24890374]



### **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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to H00007178-M01**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-37085	Recombinant Human TPT1/TCTP His 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](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/H00007178-M01](http://www.novusbio.com/reviews/submit/H00007178-M01)

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

