

# Product Datasheet

## BTBD7 Antibody NBP1-49652

Unit Size: 0.05 mg

Store at -20C. Avoid freeze-thaw cycles.

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



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

**Reviews: 1** **Publications: 8**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-49652](http://www.novusbio.com/NBP1-49652)

Updated 9/9/2025 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/NBP1-49652](http://www.novusbio.com/reviews/destination/NBP1-49652)



**NBP1-49652**

## BTBD7 Antibody

Product Information	
Unit Size	0.05 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris/Glycine buffer, pH 7.4-7.8, HEPES,BSA 0.5%, glycerol 30%.

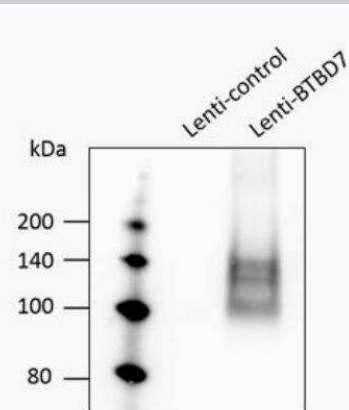
Product Description	
Description	Novus Biologicals Rabbit BTBD7 Antibody (NBP1-49652) is a polyclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and IP. Anti-BTBD7 Antibody: Cited in 8 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	55727
Gene Symbol	BTBD7
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 11231300)
Immunogen	Synthetic peptide taken within amino acid region 1050-1150 on human BTBD7 protein.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:5000, ELISA 1:10000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:200, Immunoprecipitation 1:200, Immunohistochemistry-Paraffin 1:200
Application Notes	Use in IHC-Paraffin reported in scientific literature (PMID: 23325674).

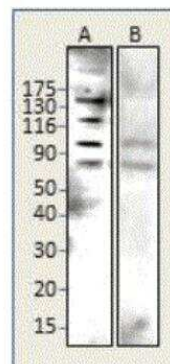


## Images

Western Blot: BTBD7 Antibody [NBP1-49652] - Human 293T cells were infected by lentivirus overexpression of control or BTBD7 for 72h. Total cell lysates were subjected to Western blot. PVDF membrane was probed with BTBD7 Antibody. A specific band was detected for BTBD7 at approximately 138 kDa. Image from verified customer review.



Western Blot: BTBD7 Antibody [NBP1-49652] - Lane A: Immune Serum, Lane B: Preimmune. Apparent MW is 138 kDa



## Publications

Effects of Btbd7 knockdown on the proliferation of human dental pulp cells and expression of Dspg Bao Q, Zhang J, Wang XX J Clin Exp Pathol [PMID: 31938244] (IHC-P, Human)

Liu Y, Song J, Zhang J et al. BTB/POZ domain-containing protein 7 is inversely associated with fibronectin expression in salivary adenoid cystic carcinoma. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology 2017-12-28 [PMID: 29366608] (WB)

Yang L, Wang T, Zhang J, Wang X. BTBD7 silencing inhibited epithelial- mesenchymal transition (EMT) via regulating Slug expression in human salivary adenoid cystic carcinoma Cancer Biomark 2017-09-15 [PMID: 28946551] (Human)

Tao YM, Huang JL, Zeng S et al. BTB/POZ domain-containing protein 7: Epithelial-mesenchymal transition promoter and prognostic biomarker of hepatocellular carcinoma Hepatology 2013-01-16 [PMID: 23325674] (IHC-P, WB, Mouse, Human)

### Details:

This citation used the FITC version of this antibody.

Dressler GR. The cellular basis of kidney development Annu Rev Cell Dev Biol 2006-01-01 [PMID: 16822174]

### Details:

This citation used the FITC version of this antibody.

Pan W, Zhang Q, Xi QS, Gan RB, Li TP. FUP1, a gene associated with hepatocellular carcinoma, stimulates NIH3T3 cell proliferation and tumor formation in nude mice Biochem Biophys Res Commun 2001-09-07 [PMID: 11527404]

### Details:

This citation used the FITC version of this antibody.

Nakamasu K, Kawamoto T, Yoshida E, Noshiro M, Matsuda Y, Kato Y. Structure and promoter analysis of the mouse membrane-bound transferrin-like protein (MTf) gene. Eur J Biochem;268(5):1468-76. 2001-03-01 [PMID: 11231300]

Onodera T, Sakai T, Hsu JC, Matsumoto K, Chiorini JA, Yamada KM. Btbd7 regulates epithelial cell dynamics and branching morphogenesis. Science;329(5991):562-5. 2010-07-30 [PMID: 20671187]





### **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 NBP1-49652**

---

NBP1-49652PEP	BTBD7 Antibody Blocking Peptide
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

---

### **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/NBP1-49652](http://www.novusbio.com/reviews/submit/NBP1-49652)

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

