

# Product Datasheet

## TRIM2 Antibody NB100-1218

Unit Size: 0.1 mg

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

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



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

### Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB100-1218](http://www.novusbio.com/NB100-1218)

Updated 10/23/2024 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/NB100-1218](http://www.novusbio.com/reviews/destination/NB100-1218)



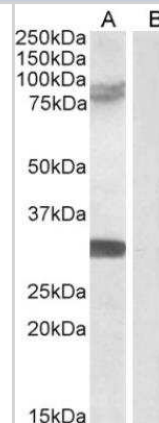
**NB100-1218**

## TRIM2 Antibody

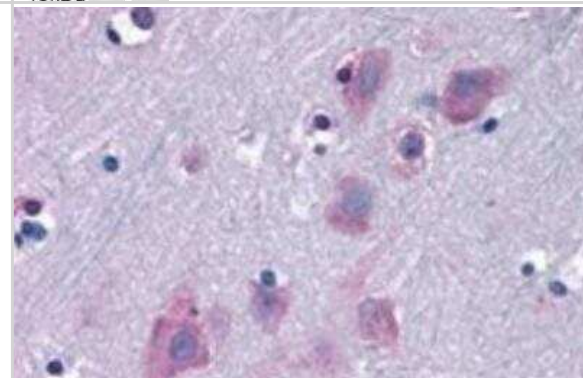
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Product Description	
Host	Goat
Gene ID	23321
Gene Symbol	TRIM2
Species	Human, Mouse, Rat
Reactivity Notes	Use in Mouse reported in scientific publication PMID: 32698497
Specificity/Sensitivity	This antibody is expected to recognise both reported isoforms (NP_056086.2; NP_001123539.1). Cross-reactivity with TRIM3 has been demonstrated.
Immunogen	Peptide with sequence DSGNHCFKVYRYLQ, from the C Terminus of the protein sequence according to NP_056086.2; NP_001123539.1; NP_001337983.1; NP_001337984.1; NP_001337985.1; NP_001337986.1.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Peptide ELISA
Recommended Dilutions	Western Blot 0.5 - 1 ug/ml, Flow Cytometry 10 ug/ml, Immunohistochemistry 6 - 12 ug/ml, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin 6 - 12 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	IP successful usage on mouse protein is reported in scientific literature (PMID: 21478148). WB: ~ 75-85kDa bands observed in rat brain lysates (calculated MW of 81.5 kDa band according to human NP_001123539.1, 84.4 according to human NP_056086.2 and 83.3 according to rat NP_001102022.1). An additional band of unknown identity was also consistently observed at 30 kDa. This band was successfully blocked by incubation with the immunizing peptide. IHC-P: Human brain (cortex) shows cytoplasm staining in neuronal cell bodies. Use in ICC/IF reported in scientific publication PMID: 32698497

## Images

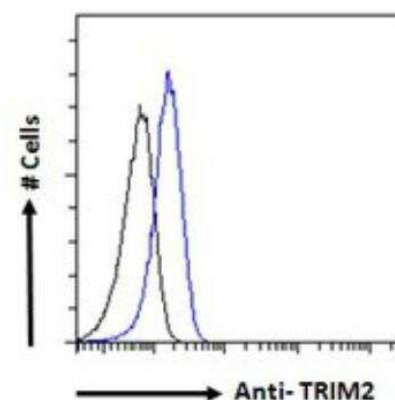
Western Blot: TRIM2 Antibody [NB100-1218] - Using 0.5ug/ml of this antibody, the staining of Rat Brain (A) + Peptide (B) lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.



Immunohistochemistry-Paraffin: TRIM2 Antibody [NB100-1218] - Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Flow Cytometry: TRIM2 Antibody [NB100-1218] - Analysis of paraformaldehyde fixed Jurkat cells (blue line), permeabilized with 0.5% Triton. Primary incubation overnight (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



## Publications

Lokapally A, Neuhaus H, Herfurth J, Hollemann T Interplay of TRIM2 E3 Ubiquitin Ligase and ALIX/ESCRT Complex: Control of Developmental Plasticity During Early Neurogenesis Cells 2020-07-20 [PMID: 32698497] (ICC/IF, Mouse)

Reymond A, Meroni G, Fantozzi A et al. The tripartite motif family identifies cell compartments. EMBO J 2001-05-01 [PMID: 11331580]

Thompson S, Pearson A, Ashley M et al. Identification of a novel Bcl-2-interacting mediator of cell death (Bim) E3 ligase, tripartite motif-containing protein 2 (TRIM2), and its role in rapid ischemic tolerance-induced neuroprotection J Biol Chem 2011-06-03 [PMID: 21478148] (IP, Rat)



### **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 NB100-1218**

---

NBL1-17280	TRIM2 Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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/NB100-1218](http://www.novusbio.com/reviews/submit/NB100-1218)

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



