

# Product Datasheet

## TORC1 Antibody - BSA Free

### NBP1-89865

Unit Size: 0.1 ml

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

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



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#### Publications: 1

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**NBP1-89865**

TORC1 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

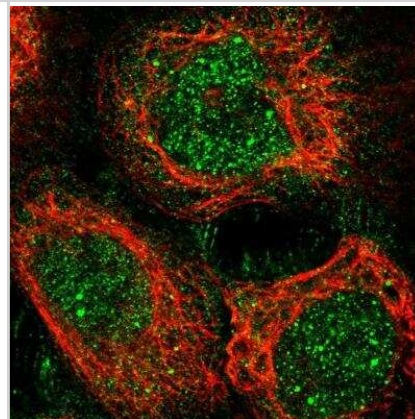
Product Description	
Description	Novus Biologicals Rabbit TORC1 Antibody - BSA Free (NBP1-89865) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-TORC1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	23373
Gene Symbol	CRTC1
Species	Human, Mouse, Rat
Reactivity Notes	Rat (86%), Mouse (84%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SPPADTSWRRRTNSDSALHQSTMTPTQPESFSSGSQDVHQKRVLLLTVPGMEE TTSEADKNLSKQAWDTKKTGSRPKSCEV

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

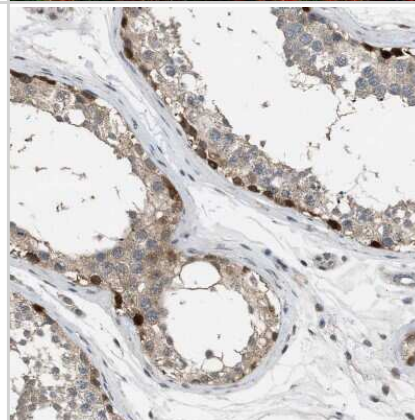


## Images

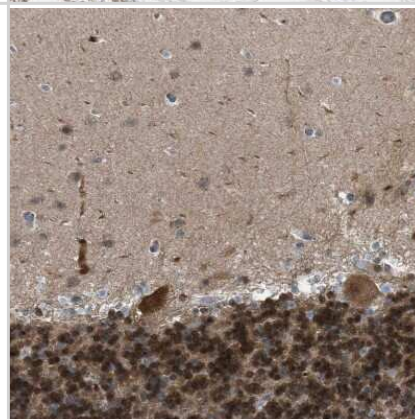
Immunocytochemistry/Immunofluorescence: TORC1 Antibody [NBP1-89865] - Staining of human cell line A-431 shows localization to nucleoplasm, nuclear bodies, plasma membrane & cytosol. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: TORC1 Antibody [NBP1-89865] - Staining of human testis shows strong nuclear positivity in a subset of cells in seminiferous ducts.



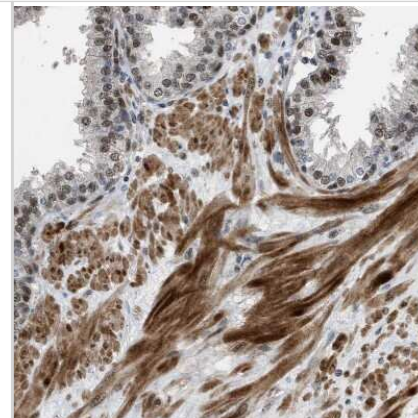
Immunohistochemistry-Paraffin: TORC1 Antibody [NBP1-89865] - Staining of human cerebellum shows strong nuclear positivity in Purkinje cells.



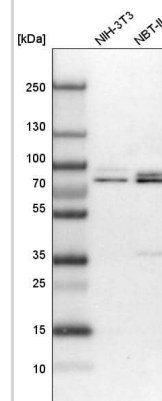
Immunohistochemistry-Paraffin: TORC1 Antibody [NBP1-89865] - Staining of human cerebral cortex shows strong positivity in neuropil.



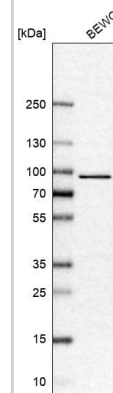
Immunohistochemistry-Paraffin: TORC1 Antibody [NBP1-89865] - Staining of human prostate shows strong nuclear positivity in smooth muscle cells.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Analysis in human cell line BEWO.



## Publications

Charbord J, Ren L, Sharma RB et al. In vivo screen identifies a SIK inhibitor that induces beta cell proliferation through a transient UPR Nature metabolism 2021-05-01 [PMID: 34031592] (ICC/IF)



### **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 NBP1-89865**

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NBP1-89865PEP	TORC1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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.

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