

# Product Datasheet

## RCC1 Antibody - BSA Free NBP1-85638

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)



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

### Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-85638](http://www.novusbio.com/NBP1-85638)

Updated 12/2/2025 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/NBP1-85638](http://www.novusbio.com/reviews/destination/NBP1-85638)



**NBP1-85638**

RCC1 Antibody - BSA Free

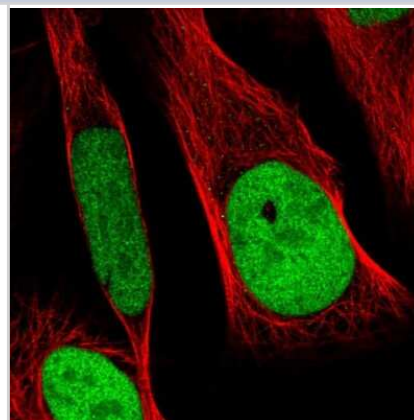
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal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

Product Description	
<b>Description</b>	Novus Biologicals Rabbit RCC1 Antibody - BSA Free (NBP1-85638) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-RCC1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1104
<b>Gene Symbol</b>	RCC1
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: IPKSKKVKVSHRSHSTEPGLVLTGLGQGDVQQLGLGENVMERKKPALVSIPEDV VQAEAGGMHTVCLSKSGQVYSFGCNDE

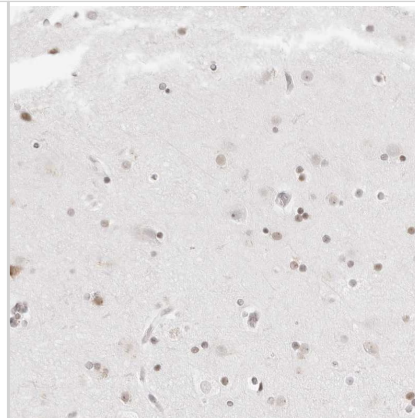
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50-1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

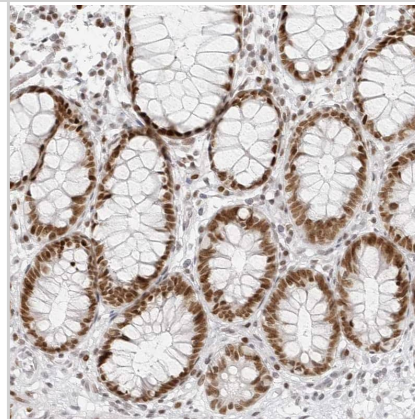
Immunocytochemistry/Immunofluorescence: RCC1 Antibody [NBP1-85638] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleoplasm.



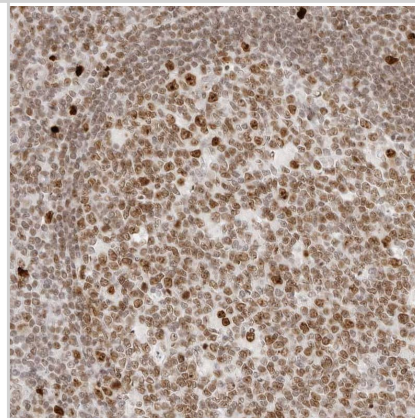
Staining of human cerebral cortex shows very weak nuclear positivity in neurons.



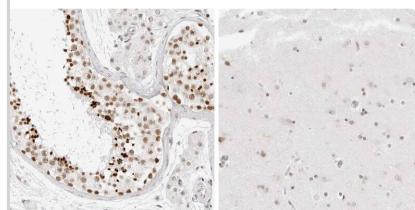
Staining of human rectum shows strong nuclear positivity in glandular cells.



Staining of human tonsil shows strong nuclear positivity in germinal and non-germinal center cells.

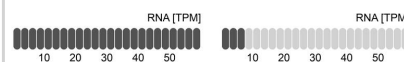


Analysis in human testis and cerebral cortex tissues using HPA027573 antibody. Corresponding RCC1 RNA-seq data are presented for the same tissues.

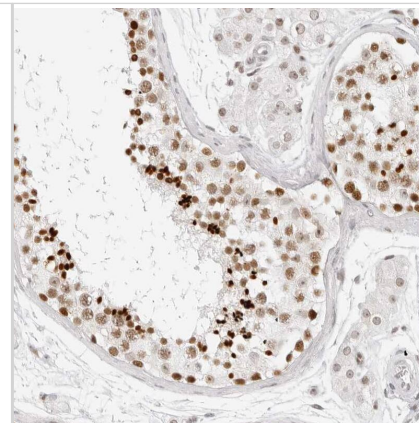


RCC1 in Testis

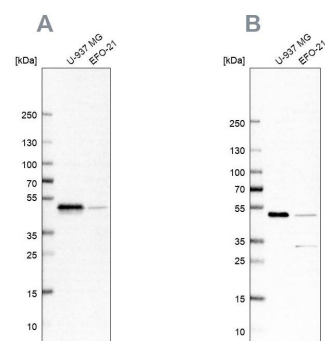
RCC1 in Cerebral cortex



Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



Analysis using Anti-RCC1 antibody NBP1-85638 (A) shows similar pattern to independent antibody NBP1-85637 (B).



## Publications

Gopinathan G, Xu Q, Luan X et al. CFDP1 regulates the stability of pericentric heterochromatin thereby affecting RAN GTPase activity and mitotic spindle formation PLoS Biol 2024-04-17 [PMID: 38630655]

Gillon A, Steel C, Cornwall J, Sheard P Increased nuclear permeability is a driver for age-related motoneuron loss Geroscience 2020-01-30 [PMID: 32002784]

Gillon A, Nielsen K, Steel C et al. Exercise attenuates age-associated changes in motoneuron number, nucleocytoplasmic transport proteins and neuromuscular health Geroscience 2018-04-01 [PMID: 29736782] (Mouse)



### **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 NBP1-85638**

---

NBP1-85638PEP	RCC1 Recombinant Protein Antigen
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/NBP1-85638](http://www.novusbio.com/reviews/submit/NBP1-85638)

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

