

# Product Datasheet

## CAPRIN2 Antibody - BSA Free

### NBP1-88318

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/NBP1-88318](http://www.novusbio.com/NBP1-88318)

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/NBP1-88318](http://www.novusbio.com/reviews/destination/NBP1-88318)



**NBP1-88318**

CAPRIN2 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

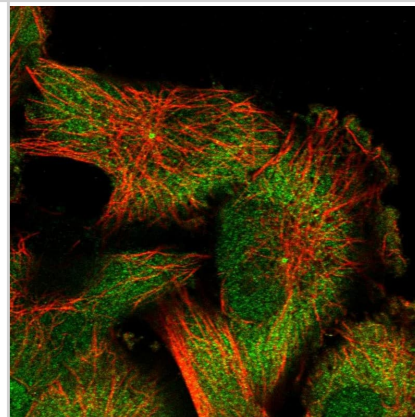
Product Description	
Description	Novus Biologicals Rabbit CAPRIN2 Antibody - BSA Free (NBP1-88318) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-CAPRIN2 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	65981
Gene Symbol	CAPRIN2
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 25634356).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TPKPRENNVESQKHSLTSQSQISPKSWG VATASLIPNDQLLPRKLNTEPKDVPK PVHQPVGSSSTLPKDPVLRKEKLQDLMTQIQGT

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	IHC-P reported in scientific literature (PMID: 24912477). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

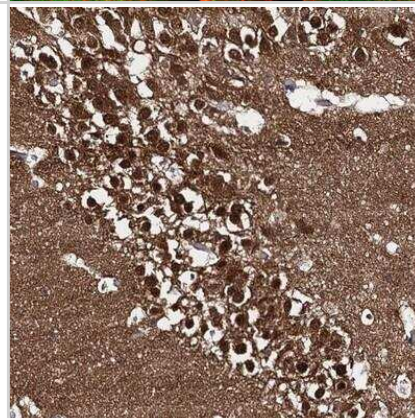


## Images

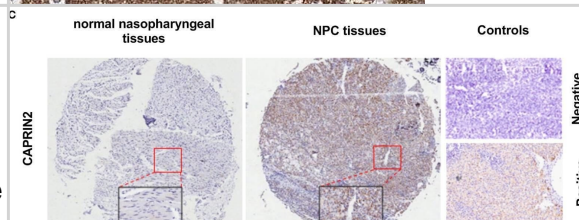
Staining of human cell line U-251 MG shows localization to nucleoplasm, cytosol & centrosome.



Immunohistochemistry-Paraffin: CAPRIN2 Antibody [NBP1-88318] - Staining of human hippocampus shows strong cytoplasmic and nuclear positivity in neuronal cells.



CAPRIN2 is overactivated in NPC tissues and is associated with a poor prognosis in patients. (A) The expression level of CAPRIN2 in 20 NPC tissues and 5 nasopharyngeal tissues. (B) The correlation between LINC00941/CAPRIN2, CAPRIN2/HMGCR or LINC00941/HMGCR in 20 NPC tissues. For (A) and (B), the expression levels of CAPRIN2, HMGCR and LINC00941 were determined by qRT-PCR. The levels were normalized to those of  $\beta$ -actin and shown as the mean  $\pm$  SEM. \*  $p < 0.05$ . (C) Representative immunohistochemical images of normal nasopharyngeal tissues (left panel) and NPC tissues (middle panel). The boxes represent the magnified region. The representative image of negative stained control (right panel, top) shows the negative staining result of NPC tissues incubated with antibody-free serum. The representative image of positive stained control (right panel, bottom) shows the positive staining result of CAPRIN2 in NPC tissues incubated with the primary antibody of CAPRIN2. (D) Kaplan-Meier survival analysis of the association between CAPRIN2 expression and the PFS or OS of NPC patients (log-rank test). Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/36276162>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



## Publications

Qiu L, Zhou R, Zhou L et al. CAPRIN2 upregulation by LINC00941 promotes nasopharyngeal carcinoma ferroptosis resistance and metastatic colonization through HMGCR *Frontiers in Oncology* 2022-10-06 [PMID: 36276162] (Immunohistochemistry-Paraffin, Human)

Maxime Battistella, Martha Romero, Luis-Jaime Castro-Vega et al. The High Expression of the microRNA 17-92 Cluster and its Paralogs, and the Downregulation of the Target Gene PTEN, Is Associated with Primary Cutaneous B-Cell Lymphoma Progression. *Journal of Investigative Dermatology* 2015-01-29 [PMID: 25634356] (IF/IHC, Human)

Jia D, Dong R, Jing Y et al. Exome sequencing of hepatoblastoma reveals novel mutations and cancer genes in the Wnt pathway and ubiquitin ligase complex. *Hepatology*. 2014-06-09 [PMID: 24912477] (IHC-P, Human)

### Details:

Caprin2 antibody used for immunostaining the formalin-fixed paraffin-embedded hepatoblastoma/HB tissues from surgical specimen archives (human - children) . The sections were processed using heat-induced epitope retrieval in EDTA (pH 9.0) with pressure cooker treatment for 2 min.





### **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 NBP1-88318**

---

NBP1-88318PEP	CAPRIN2 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

---

### **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/NBP1-88318](http://www.novusbio.com/reviews/submit/NBP1-88318)

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

