

# 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.

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**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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

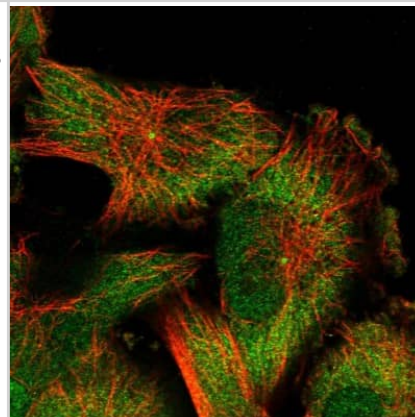
Product Description	
Host	Rabbit
Gene ID	65981
Gene Symbol	CAPRIN2
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 25634356).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TPKPRENNVESQKHSLTSQSQISPKSWG VATASLIPNDQLLPRKLNTEPKDVPK PVHQPVGSSSTLPKDPVLRKEKLQDLMTQIQGT

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
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.

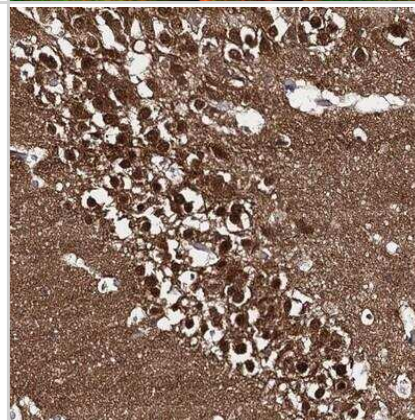


## Images

Immunocytochemistry/Immunofluorescence: CAPRIN2 Antibody [NBP1-88318] - Immunofluorescent 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.



## Publications

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

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.



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### **Products Related to NBP1-88318**

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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

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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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