

# Product Datasheet

## GCAP2 Antibody - BSA Free

### NBP2-68721

Unit Size: 100 ul

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

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#### Publications: 1

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Updated 12/2/2025 v.20.1

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**NBP2-68721**

GCAP2 Antibody - BSA Free

Product Information	
Unit Size	100 ul
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

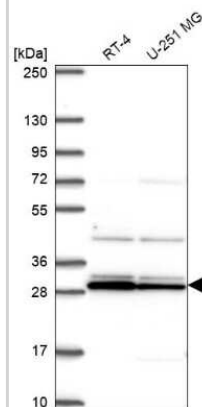
Product Description	
Description	Novus Biologicals Rabbit GCAP2 Antibody - BSA Free (NBP2-68721) is a polyclonal antibody validated for use in IHC and WB. Anti-GCAP2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2979
Gene Symbol	GUCA1B
Species	Human, Monkey
Reactivity Notes	Use in Monkey reported in scientific literature (PMID:35024589) .
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: GQEFSWEEAEAGEIDVAELQEWYKKFVMECPSTLFLMHEFKRFFKVTDDEE ASQYVEGMFRAFDKNG

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500, Immunohistochemistry-Frozen Reported in scientific literature (PMID:35024589)
Application Notes	Recommended conditions for IHC, Retrieval method: HIER pH6.

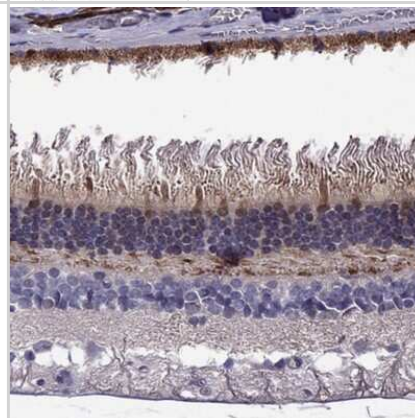


## Images

Western Blot: GCAP2 Antibody [NBP2-68721] - Analysis in human cell line RT-4 and human cell line U-251 MG.



Immunohistochemistry-Paraffin: GCAP2 Antibody [NBP2-68721] - Staining of human retina shows strong cytoplasmic positivity in cones and outer plexiform layer.



## Publications

Yamasaki S, Tu H, Matsuyama T et al. A Genetic modification that reduces ON-bipolar cells in hESC-derived retinas enhances functional integration after transplantation iScience 2022-01-01 [PMID: 35024589] (IHC-Fr, Monkey)



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### **Products Related to NBP2-68721**

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NBP2-68721PEP	GCAP2 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

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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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