

# Product Datasheet

## RCN2 Antibody - BSA Free NBP2-32010

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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Updated 2/23/2025 v.20.1

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**NBP2-32010**

RCN2 Antibody - BSA Free

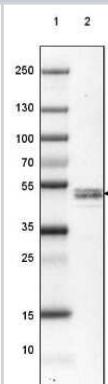
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	5955
Gene Symbol	RCN2
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: AEELHYPLGERRSDYDREALLGVQEDVDEYVKLGHEEQKRLQAIKKIDLSD GFLTESELSSWIQMSFKHYAMQEAKQQFVEYDK

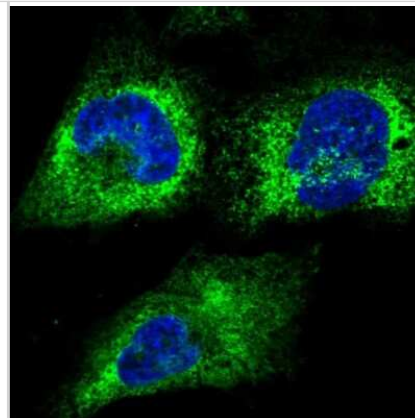
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:5000 - 1:10000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:5000 - 1:10000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

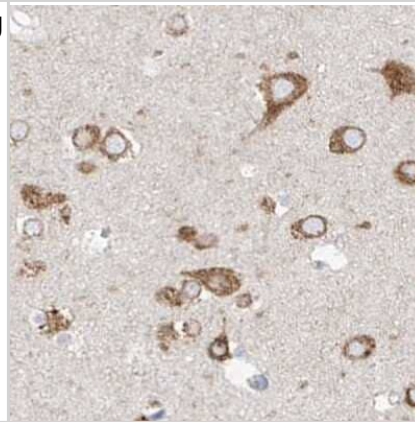
Western Blot: RCN2 Antibody [NBP2-32010] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10  
Lane 2: Human Cerebral Cortex tissue



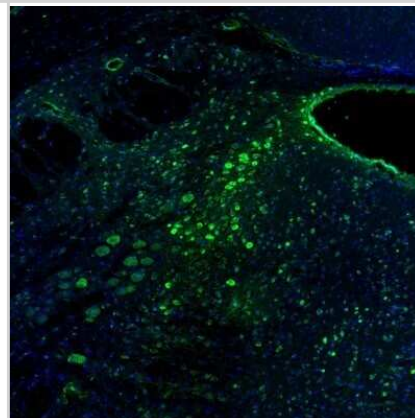
Immunocytochemistry/Immunofluorescence: RCN2 Antibody [NBP2-32010] - Staining of human cell line U-251 MG shows localization to endoplasmic reticulum. Antibody staining is shown in green.



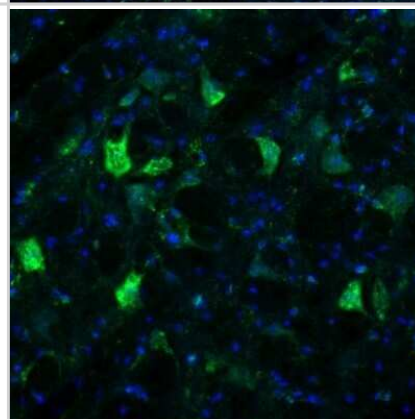
Immunohistochemistry-Paraffin: RCN2 Antibody [NBP2-32010] - Staining of human cerebral cortex.



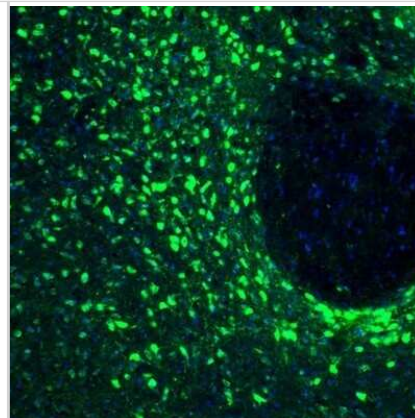
Immunohistochemistry: RCN2 Antibody [NBP2-32010] - Staining of mouse locus coeruleus shows immunoreactivity in neurons.



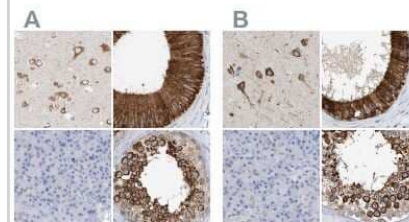
Immunohistochemistry: RCN2 Antibody [NBP2-32010] - Staining of mouse red nucleus shows strong immunoreactivity in neurons.



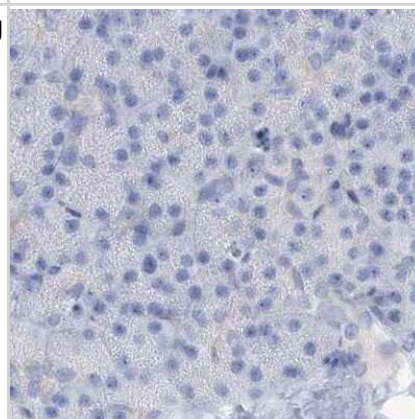
Immunohistochemistry: RCN2 Antibody [NBP2-32010] - Staining of mouse thalamus shows positivity in neurons of the parafascicular nucleus.



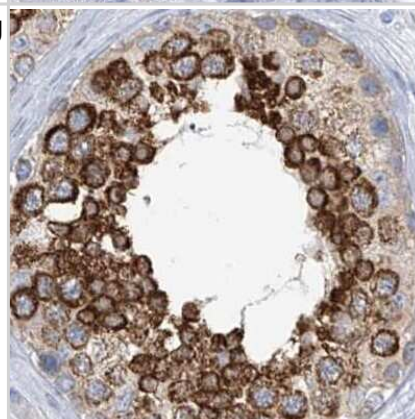
Immunohistochemistry-Paraffin: RCN2 Antibody [NBP2-32010] - Staining of human cerebral cortex, epididymis, pancreas and testis using Anti-RCN2 antibody NBP2-32010 (A) shows similar protein distribution across tissues to independent antibody NBP2-32011 (B).



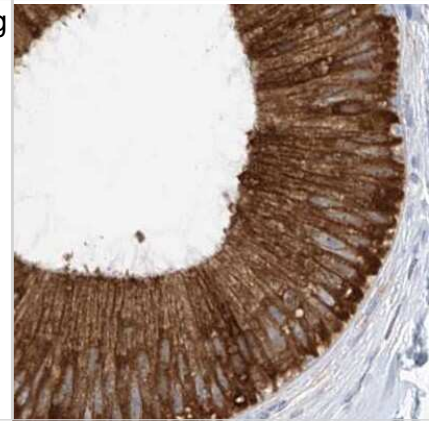
Immunohistochemistry-Paraffin: RCN2 Antibody [NBP2-32010] - Staining of human pancreas.



Immunohistochemistry-Paraffin: RCN2 Antibody [NBP2-32010] - Staining of human testis.



Immunohistochemistry-Paraffin: RCN2 Antibody [NBP2-32010] - Staining of human epididymis.





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### **Products Related to NBP2-32010**

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NBP2-32010PEP	RCN2 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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