

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.

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Publications: 3

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NBP1-85638

RCC1 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

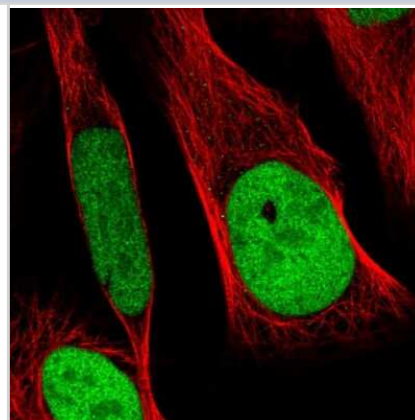
Description	Novus Biologicals Rabbit RCC1 Antibody - BSA Free (NBP1-85638) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-RCC1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1104
Gene Symbol	RCC1
Species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

Product Application Details

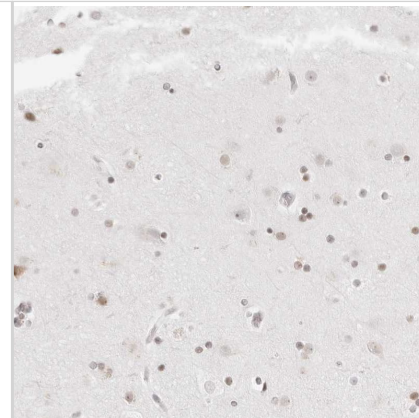
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50-1:200
Application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

Images

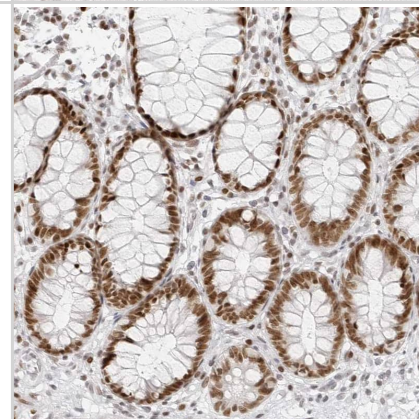
Immunocytochemistry/Immunofluorescence: RCC1 Antibody [NBP1-85638] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleoplasm.



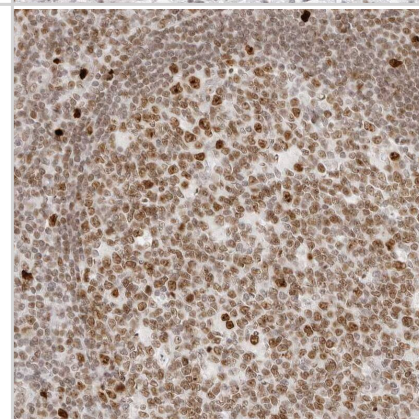
Staining of human cerebral cortex shows very weak nuclear positivity in neurons.



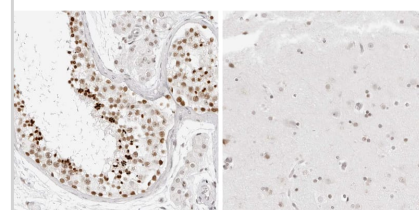
Staining of human rectum shows strong nuclear positivity in glandular cells.



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

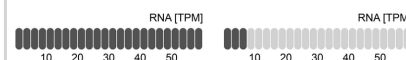


Analysis in human testis and cerebral cortex tissues using HPA027573 antibody. Corresponding RCC1 RNA-seq data are presented for the same tissues.

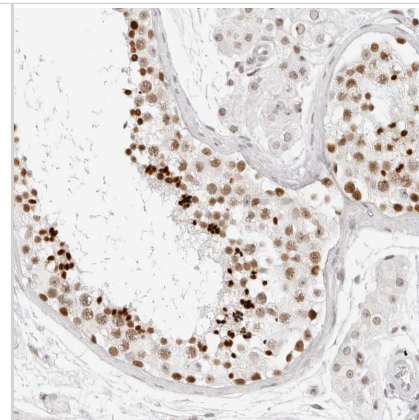


RCC1 in Testis

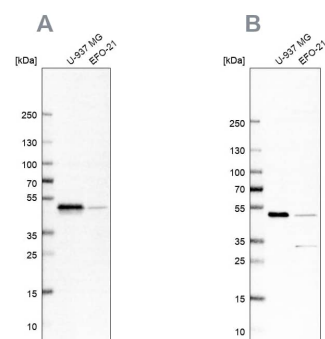
RCC1 in Cerebral cortex



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)



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Products Related to NBP1-85638

NBP1-85638PEP	RCC1 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.

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