

Product Datasheet

Regucalcin Antibody - BSA Free NBP1-80849

Unit Size: 0.1 ml

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

www.novusbio.com



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Publications: 4

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Updated 12/2/2025 v.20.1

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NBP1-80849

Regucalcin Antibody - BSA Free

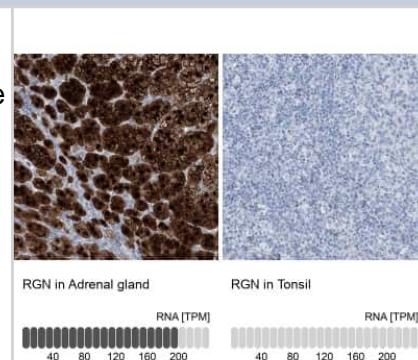
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit Regucalcin Antibody - BSA Free (NBP1-80849) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Regucalcin Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	9104
Gene Symbol	RGN
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: DAEGKLWVACYNGGRVIRLDPVTGKRLQTVKLPVDKTTSCCFGGKNYSEMYV TCARDGMDPEGLLRQPEAGGIFKITGLGVKGIAPYSY

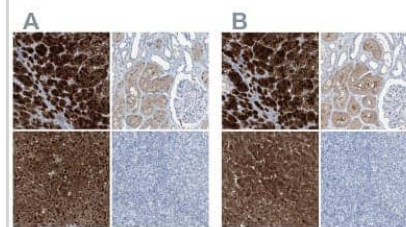
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

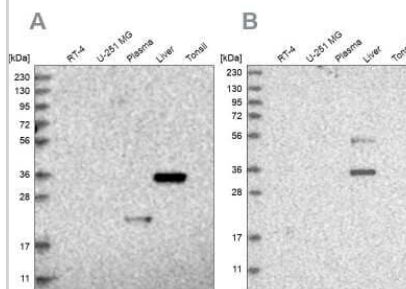
Immunohistochemistry-Paraffin: Regucalcin Antibody [NBP1-80849] - Analysis in human adrenal gland and tonsil tissues using NBP1-80849 antibody. Corresponding RGN RNA-seq data are presented for the same tissues.



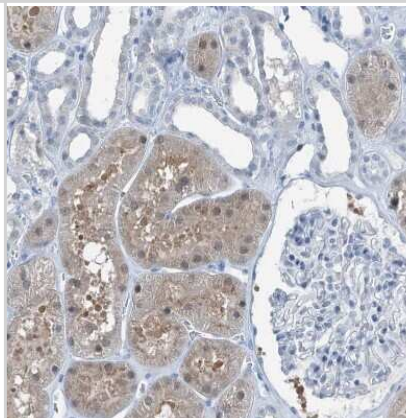
Immunohistochemistry-Paraffin: Regucalcin Antibody [NBP1-80849] - Staining of human adrenal gland, kidney, liver and tonsil using Anti-RGN antibody NBP1-80849 (A) shows similar protein distribution across tissues to independent antibody NBP1-80850 (B).



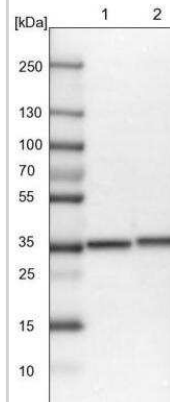
Western Blot: Regucalcin Antibody [NBP1-80849] - Analysis using Anti-RGN antibody NBP1-80849 (A) shows similar pattern to independent antibody NBP1-80850 (B).



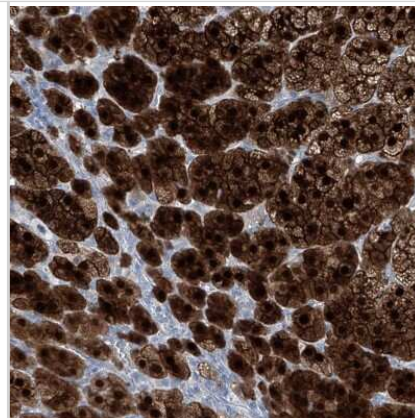
Immunohistochemistry-Paraffin: Regucalcin Antibody [NBP1-80849] - Staining of human kidney shows moderate cytoplasmic positivity in cells in tubules.



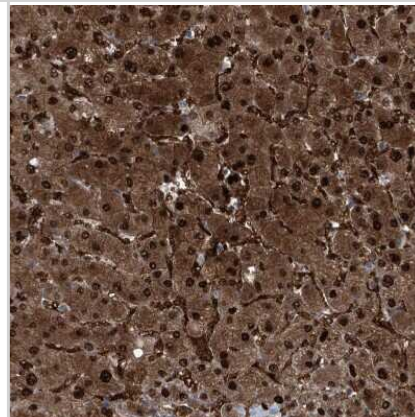
Western Blot: Regucalcin Antibody [NBP1-80849] - Lane 1: Mouse liver tissue lysate Lane 2: Rat liver tissue lysate. Recommended dilution: 1:250 - 1:500



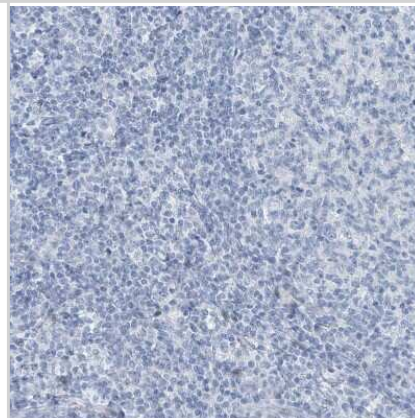
Immunohistochemistry-Paraffin: Regucalcin Antibody [NBP1-80849] - Staining of human adrenal gland shows strong positivity in glandular cells.



Immunohistochemistry-Paraffin: Regucalcin Antibody [NBP1-80849] - Staining of human liver shows strong positivity in hepatocytes.



Immunohistochemistry-Paraffin: Regucalcin Antibody [NBP1-80849] - Staining of human tonsil shows no positivity in non-germinal center cells as expected.



Publications

Sambad S, Xinhong P, Fei X et al. Regucalcin promotes dormancy of prostate cancer *Oncogene*. 2020-12-15 [PMID: 33323968] (WB, IHC, Human)

Kim JS, Lee HL, Jeong JH et al. OR2AT4, an Ectopic Olfactory Receptor, Suppresses Oxidative Stress-Induced Senescence in Human Keratinocytes *Antioxidants* (Basel, Switzerland) 2022-11-03 [PMID: 36358552] (ICC/IF, Human)

Details:

Dilution used in ICC 1:200

Alnafisah R, Lundh A, Asah SM et al. Altered purinergic receptor expression in the frontal cortex in schizophrenia *Schizophrenia* (Heidelberg, Germany) 2022-11-14 [PMID: 36376358] (WB, Human)

Details:

Dilution used in WB 1:1000

Yang M, Chen Y, Tu S et al. Utilizing an Animal Model to Identify Brain Neurodegeneration-Related Biomarkers in Aging *International Journal of Molecular Sciences* 2021-03-23 [PMID: 33807010] (IF/IHC, Mouse)



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Products Related to NBP1-80849

NBP1-80849PEP	Regucalcin 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

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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