

Product Datasheet

Neurochondrin Antibody - BSA Free NBP1-87901

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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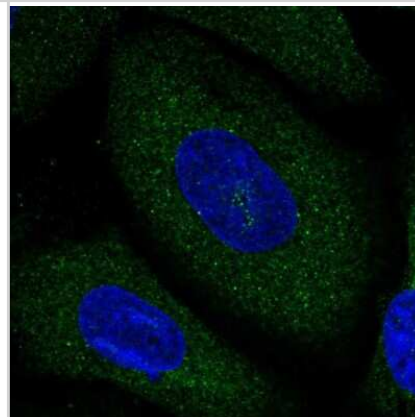
NBP1-87901**Neurochondrin Antibody - BSA Free**

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 Neurochondrin Antibody - BSA Free (NBP1-87901) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Neurochondrin Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	23154
Gene Symbol	NCDN
Species	Human, Mouse, Rat
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 23687301).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PEYEGIWADLQELWFLGMQAFTGCVPLLPWLAPAAALRSRWPQELLQLLGVS PNSVKPEMVAAYQGVLEVELARANRLCREAMRLQAGEETASHYRMAA
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:100-1:500, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500-1:1000
Application Notes	WB, ICC/IF reported in scientific literature (PMID: 23687301). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

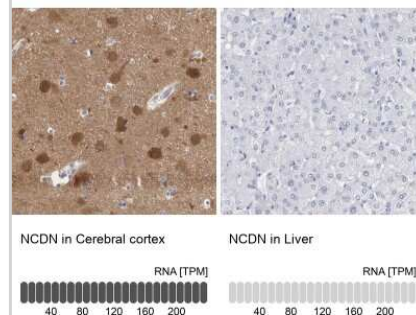


Images

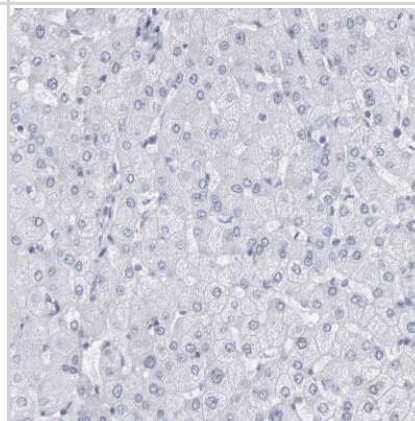
Immunocytochemistry/Immunofluorescence: Neurochondrin Antibody [NBP1-87901] - Staining of human cell line U-2 OS shows localization to cytosol. Antibody staining is shown in green.



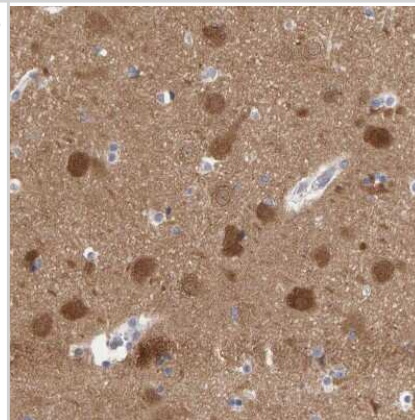
Immunohistochemistry-Paraffin: Neurochondrin Antibody [NBP1-87901] - Analysis in human cerebral cortex and liver tissues using NBP1-87901 antibody. Corresponding NCDN RNA-seq data are presented for the same tissues.



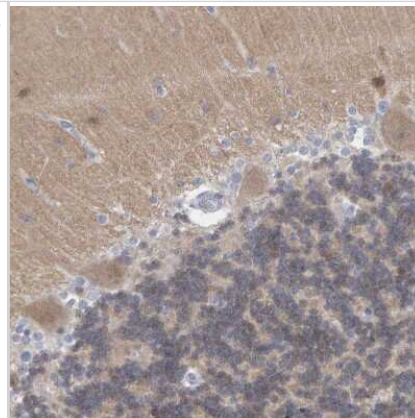
Immunohistochemistry-Paraffin: Neurochondrin Antibody [NBP1-87901] - Staining of human Liver shows no cytoplasmic positivity in hepatocytes as expected.



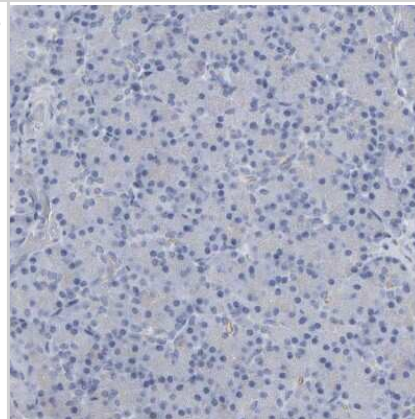
Immunohistochemistry-Paraffin: Neurochondrin Antibody [NBP1-87901] - Staining of human Cerebral cortex shows strong cytoplasmic positivity in neuronal cells.



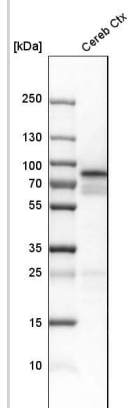
Immunohistochemistry-Paraffin: Neurochondrin Antibody [NBP1-87901] - Staining of human Cerebellum shows moderate cytoplasmic positivity in Purkinje cells.



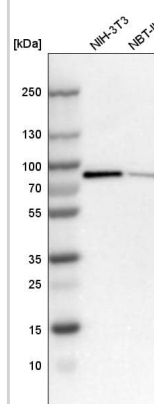
Immunohistochemistry-Paraffin: Neurochondrin Antibody [NBP1-87901] - Staining of human Pancreas shows no cytoplasmic positivity in exocrine glandular cells as expected.



Analysis in human cerebral cortex tissue.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Publications

Oku S, Takahashi N, Fukata Y, Fukata M. In Silico Screening for Palmitoyl Substrates Reveals a Role for DHHC1/3/10 (zDHHC1/3/11)-mediated Neurochondrin Palmitoylation in Its Targeting to Rab5-positive Endosomes. J Biol Chem 2013-07-05 [PMID: 23687301] (WB, ICC/IF, Human)



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Products Related to NBP1-87901

NBP1-87901PEP	Neurochondrin 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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