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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Publications: 1

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NBP1-87901

Neurochondrin Antibody - BSA Free

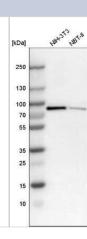
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Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw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

Product Description	
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: PEYEGIWADLQELWFLGMQAFTGCVPLLPWLAPAALRSRWPQELLQLLGSVS PNSVKPEMVAAYQGVLVELARANRLCREAMRLQAGEETASHYRMAA

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
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.

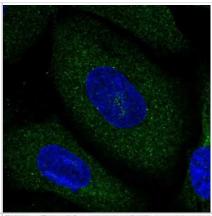
Images

Western Blot: Neurochondrin Antibody [NBP1-87901] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.

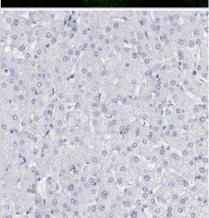




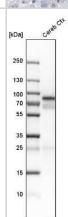
Immunocytochemistry/Immunofluorescence: Neurochondrin Antibody [NBP1-87901] - Staining of human cell line U-2 OS shows localization to cytosol. Antibody staining is shown in green.



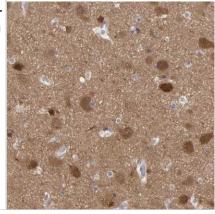
Immunohistochemistry-Paraffin: Neurochondrin Antibody [NBP1-87901] - Staining of human Liver shows no cytoplasmic positivity in hepatocytes as expected.



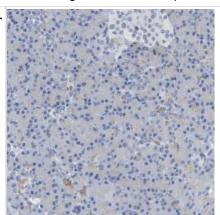
Western Blot: Neurochondrin Antibody [NBP1-87901] - Analysis in human cerebral cortex tissue.



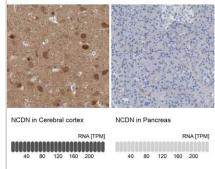
Immunohistochemistry-Paraffin: Neurochondrin Antibody [NBP1-87901] - Staining of human cerebral cortex shows distinct cytoplasmic positivity in neurons.



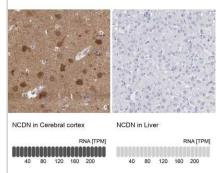
Immunohistochemistry-Paraffin: Neurochondrin Antibody [NBP1-87901] - Staining of human pancreas shows low expression as expected.



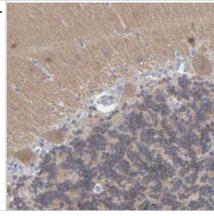
Immunohistochemistry-Paraffin: Neurochondrin Antibody [NBP1-87901] - Staining in human cerebral cortex and pancreas tissues using anti-NCDN antibody. Corresponding NCDN RNA-seq data are presented for the same tissues.



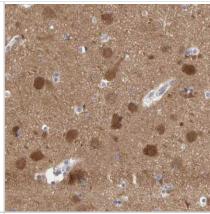
Immunohistochemistry-Paraffin: Neurochondrin Antibody [NBP1-87901] - Analysis in human cerebral cortex and liver tissues using NBP1-87901 antibody. Corresponding NCDN RNA-seq data are presented for the same tissues.



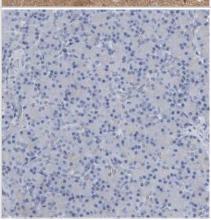
Immunohistochemistry-Paraffin: Neurochondrin Antibody [NBP1-87901] - Staining of human Cerebellum shows moderate cytoplasmic positivity in Purkinje cells.



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 Pancreas shows no cytoplasmic positivity in exocrine glandular cells as expected.



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

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