

Product Datasheet

Secretagoin Antibody - BSA Free NBP1-88219

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Publications: 8

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NBP1-88219

Secretagogin Antibody - BSA Free

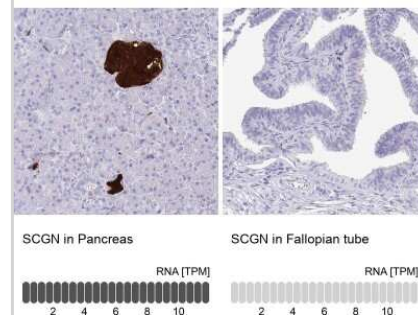
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit Secretagogin Antibody - BSA Free (NBP1-88219) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Secretagogin Antibody: Cited in 8 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10590
Gene Symbol	SCGN
Species	Human, Mouse
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RDLFLHHKKAISEAKLEEYTGTMKIFDRNKDGRDLNLDLARILALQENFLLQFK MDACSTEERKRDFEKIFAYYDVSKTGALEGPEVDGFVKDMMELVQPSISGVDL DKFREILLRHCDVNKDGKIQKSELALCLGLK

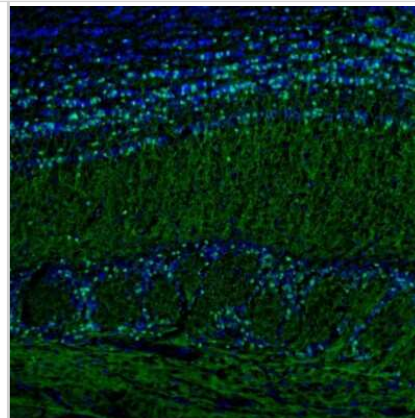
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

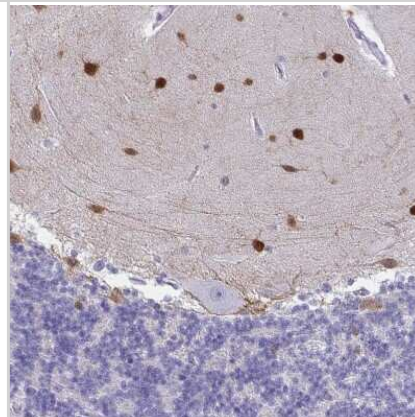
Immunohistochemistry-Paraffin: Secretagogin Antibody [NBP1-88219] - Staining in human pancreas and fallopian tube tissues using NBP1-88219 antibody. Corresponding SCGN RNA-seq data are presented for the same tissues.



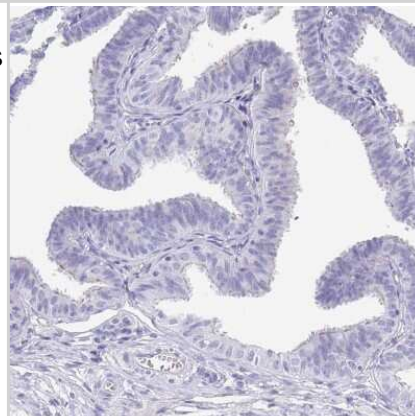
Immunohistochemistry: Secretagogin Antibody [NBP1-88219] - Staining of mouse olfactory bulb, glomerular layer shows nuclear positivity.



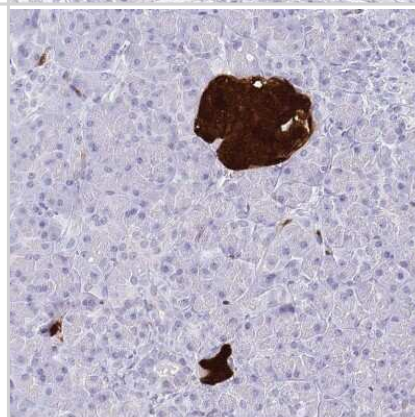
Immunohistochemistry-Paraffin: Secretagogin Antibody [NBP1-88219] - Staining of human cerebellum shows strong nuclear positivity in cells in molecular layer.



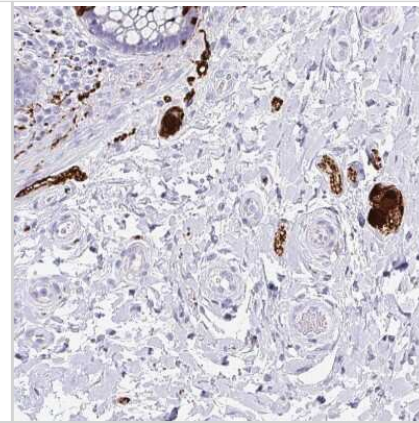
Immunohistochemistry-Paraffin: Secretagogin Antibody [NBP1-88219] - Staining of human Fallopian tube shows no positivity in glandular cells as expected.



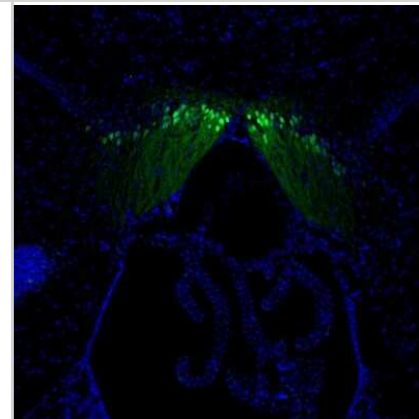
Immunohistochemistry-Paraffin: Secretagogin Antibody [NBP1-88219] - Staining of human pancreas shows strong cytoplasmic and nuclear positivity in islets of Langerhans.



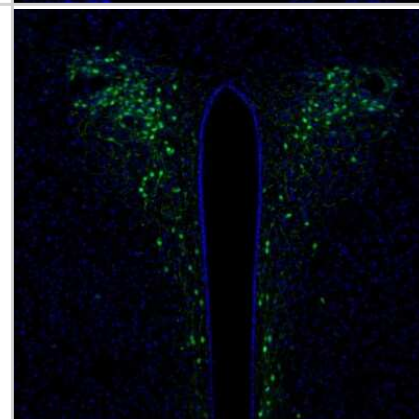
Immunohistochemistry-Paraffin: Secretagogin Antibody [NBP1-88219] - Staining of human rectum shows strong cytoplasmic positivity in peripheral nerve / ganglion.



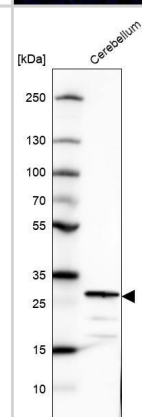
Immunohistochemistry: Secretagogin Antibody [NBP1-88219] - Staining of mouse brain shows positivity in fasciola cinereum.



Immunohistochemistry: Secretagogin Antibody [NBP1-88219] - Staining of mouse hypothalamus shows positivity in the paraventricular hypothalamic nucleus.



Analysis in human cerebellum tissue.



Publications

Zhang MD, Tortoriello G, Hsueh B et al. Neuronal calcium-binding proteins 1/2 localize to dorsal root ganglia and excitatory spinal neurons and are regulated by nerve injury. *Proc Natl Acad Sci U S A* 2014-03-25 [PMID: 24616509]

Gyengesi E, Andrews ZB, Paxinos G et al. Distribution of secretagogin-containing neurons in the basal forebrain of mice, with special reference to the cholinergic corticopetal system. *Brain Res Bull* 2013-05-01 [PMID: 23376788] (ICC/IF, Mouse)

Attems J, Alpar A, Spence L et al. Clusters of secretagogin-expressing neurons in the aged human olfactory tract lack terminal differentiation. *Proc Natl Acad Sci U S A* 2012-04-17 [PMID: 22474393]

Lindskog C, Korsgren O, Ponten F et al. Novel pancreatic beta cell-specific proteins: antibody-based proteomics for identification of new biomarker candidates. *J Proteomics* 2012-05-17 [PMID: 22465717]

Alpar A, Attems J, Mulder J et al. The renaissance of Ca²⁺-binding proteins in the nervous system: secretagogin takes center stage. *Cell Signal* 2012-02-01 [PMID: 21982882]

Mulder J, Spence L, Tortoriello G et al. Secretagogin is a Ca²⁺-binding protein identifying prospective extended amygdala neurons in the developing mammalian telencephalon. *Eur J Neurosci* 2010-06-01 [PMID: 20529129]

Mulder J, Zilberter M, Spence L et al. Secretagogin is a Ca²⁺-binding protein specifying subpopulations of telencephalic neurons. *Proc Natl Acad Sci U S A* 2009-12-29 [PMID: 20018755]

Mulder J, Bjorling E, Jonasson K et al. Tissue Profiling of the Mammalian Central Nervous System Using Human Antibody-based Proteomics. *Mol Cell Proteomics* 2009-07-01 [PMID: 19351664]





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Products Related to NBP1-88219

NBP1-88219PEP	Secretagogin 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

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