

Product Datasheet

Somatostatin Antibody (YC7)

NB100-64650

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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NB100-64650

Somatostatin Antibody (YC7)

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	YC7
Preservative	0.09% Sodium Azide
Isotype	IgG2b
Purity	Tissue culture supernatant
Buffer	Tissue culture supernatant

Product Description	
Host	Rat
Gene ID	6750
Gene Symbol	SST
Species	Human
Specificity/Sensitivity	NB100-64650 is specific for somatostatin. A hormone involved in endocrine system regulation through interactions with pituitary growth hormone, thyroid stimulating hormone, and a number of hormones of the gastrointestinal tract. Somatostatin has active 14 amino acid and 28 amino acid forms, produced by alternate cleavage of the gene product. This antibody does not cross react with enkephalins, other endorphins, substance P, or CGRP. It partially cross reacts with somatostatin fragments. The epitope recognized by this antibody lies within the 1-14 amino acid sequence of cyclic somatostatin.
Immunogen	Somatostatin conjugated to thyroglobulin

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500

Publications

Milstead R, Link C, Xu Z, Hoeffler C Molecular Signaling and Neural Cell Type Expression of Complex Brain Disorders Thesis 1905-07-13 (IHC-FrFI, Mouse)

Milstead R, Link C, Xu Z, Hoeffler C Molecular Signaling and Neural Cell Type Expression of Complex Brain Disorders Thesis Jul 13 1905 12:00AM (IHC-FrFI, Mouse)

Martinez-Losa M, Tracy TE, Ma K et al. Nav1.1-Overexpressing Interneuron Transplants Restore Brain Rhythms and Cognition in a Mouse Model of Alzheimer's Disease. Neuron. 2018-03-15 [PMID: 29551491] (Mouse)

Rodriguez-Martinez D, Martinez-Losa MM, Alvarez-Dolado M. Cryopreservation of GABAergic Neuronal Precursors for Cell-Based Therapy PLoS ONE 2017-01-25 [PMID: 28122047] (IF/IHC, Mouse)





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Products Related to NB100-64650

HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
F0105B	Goat anti-Rat IgG Secondary Antibody [Phycoerythrin]
DDXCR03	Rat IgG2b Isotype Control
H00006750-Q01-10ug	Recombinant Human Somatostatin GST (N-Term) Protein

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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