

Product Datasheet

Muscarinic Acetylcholine Receptor M1/CHRM1 Antibody - BSA Free NBP1-87466

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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NBP1-87466**Muscarinic Acetylcholine Receptor M1/CHRM1 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

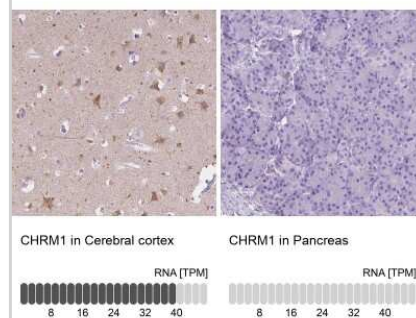
Product Description	
Host	Rabbit
Gene ID	1128
Gene Symbol	CHRM1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SETPGKGGGSSSSSERSQPGAEGSPETPPGRCCRCCRAPRLLQAYSWKEEE EEDEGSME SLTSSEGE EPGSEVVIKMPMVDPEAQAPTQPPRSPNTVKRPT KKGRDRAGKGQKPRGKEQLAKRKTFLVKE

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence Validated from a verified customer review., Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended.

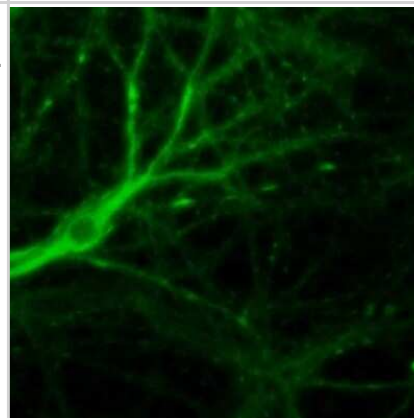


Images

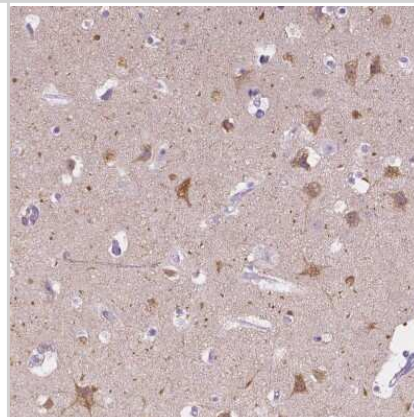
Immunohistochemistry-Paraffin: Muscarinic Acetylcholine Receptor M1/CHRM1 Antibody [NBP1-87466] - Staining in human cerebral cortex and pancreas tissues using anti-CHRM1 antibody. Corresponding CHRM1 RNA-seq data are presented for the same tissues.



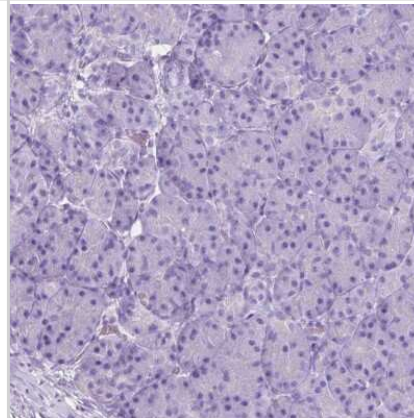
Immunohistochemistry: Muscarinic Acetylcholine Receptor M1/CHRM1 Antibody [NBP1-87466] - Staining of dissociated rat hippocampal culture. Image submitted by a verified customer review.



Immunohistochemistry-Paraffin: Muscarinic Acetylcholine Receptor M1/CHRM1 Antibody [NBP1-87466] - Staining of human cerebral cortex shows high expression.



Immunohistochemistry-Paraffin: Muscarinic Acetylcholine Receptor M1/CHRM1 Antibody [NBP1-87466] - Staining of human pancreas shows low expression as expected.



Publications

Roberto Cadeddu, Giulia Braccagni, Caterina Branca, Easton R van Luik, Christopher Pittenger, Morten Skøtt Thomsen, Marco Bortolato Activation of M 4 muscarinic receptors in the striatum reduces tic-like behaviours in two distinct murine models of Tourette syndrome. *British journal of pharmacology* 2024-04-30 [PMID: 38689378]

Sarah H Targeting the M1 muscarinic acetylcholine receptor in neurodegeneration Thesis 2023-01-01 (Western Blot)

Goto Y, Ando T, Izumi H et al. Muscarinic receptors promote castration-resistant growth of prostate cancer through a FAK-YAP signaling axis *Oncogene* 2020-03-23 [PMID: 32205868] (ICC/IF, Human)

Cieslik P, Domin H, Chocyk A et al. Simultaneous activation of mGlu2 and muscarinic receptors reverses MK-801-induced cognitive decline in rodents *Neuropharmacology* 2019-11-27 [PMID: 31785263] (IHC-FrFI, Mouse, Rat)

Molina J, Rodriguez-Diaz R, Fachado A et al. Control of Insulin Secretion by Cholinergic Signaling in the Human Pancreatic Islet. *Diabetes* 2014-08-01 [PMID: 24658304] (IHC-Fr, Human)





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Products Related to NBP1-87466

NBP1-87466PEP	Muscarinic Acetylcholine Receptor M1/CHRM1 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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