

Product Datasheet

Muscarinic Acetylcholine Receptor M3/CHRM3 Antibody - BSA Free NBP1-87547

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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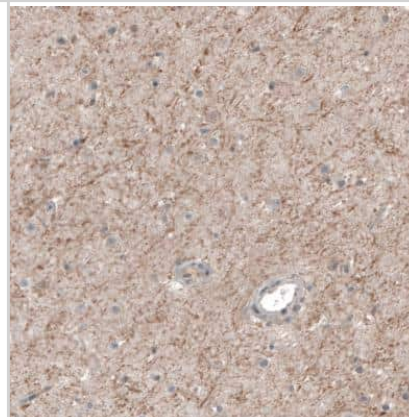


NBP1-87547**Muscarinic Acetylcholine Receptor M3/CHRM3 Antibody - BSA Free**

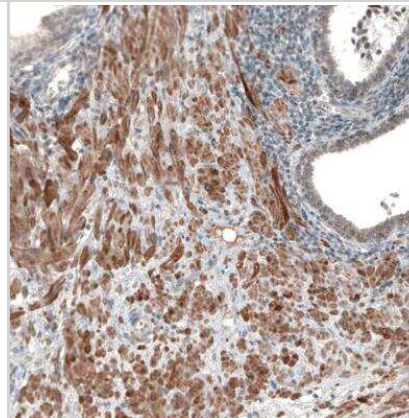
| Product Information | |
|------------------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid 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 | |
| Host | Rabbit |
| Gene ID | 1131 |
| Gene Symbol | CHRM3 |
| Species | Human |
| Reactivity Notes | Human reactivity reported in scientific literature (PMID: 24658304). |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: LHNNSTTSPLFPNIISSSWIHSPSDAGLPPGTVTHFGSYNVSRAAGNFSSPDGTT DDPLGGHTVWQV |
| Product Application Details | |
| Applications | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200 |
| Application Notes | IHC, WB reported in scientific literature (PMID: 24658304). For IHC-Paraffin, HIER pH 6 retrieval is recommended. |

Images

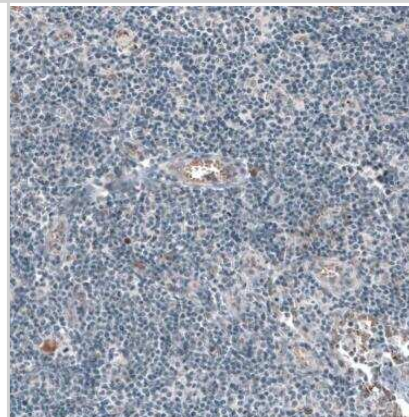
Immunohistochemistry-Paraffin: Muscarinic Acetylcholine Receptor M3/CHRM3 Antibody [NBP1-87547] - Staining of human cerebral cortex shows moderate positivity in neuronal processes.



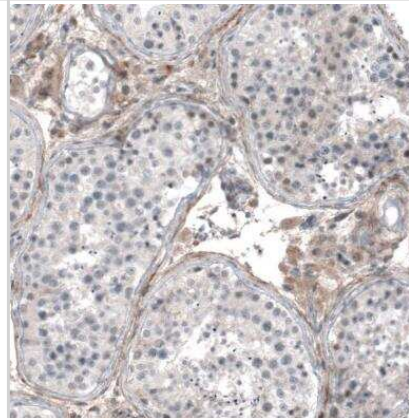
Immunohistochemistry-Paraffin: Muscarinic Acetylcholine Receptor M3/CHRM3 Antibody [NBP1-87547] - Staining of human prostate shows moderate to strong membranous and cytoplasmic positivity in smooth muscle cells.



Immunohistochemistry-Paraffin: Muscarinic Acetylcholine Receptor M3/CHRM3 Antibody [NBP1-87547] - Staining of human lymph node shows low positivity in non-germinal center cells as expected.



Immunohistochemistry-Paraffin: Muscarinic Acetylcholine Receptor M3/CHRM3 Antibody [NBP1-87547] - Staining of human testis shows moderate cytoplasmic positivity in Leydig cells.



Publications

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] (IF/IHC, WB, Human)



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Products Related to NBP1-87547

| | |
|---------------|--|
| NBP1-87547PEP | Muscarinic Acetylcholine Receptor M3/CHRM3 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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