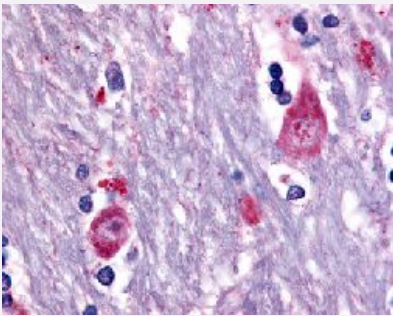


# CHRM3 polyclonal antibody

Catalog # PAB16389

Size 50 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human brain (caudate) with CHRM3 polyclonal antibody (Cat # PAB16389).

## Specification

|                            |                                                                                                                                                       |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit polyclonal antibody raised against synthetic peptide of CHRM3.                                                                                 |
| <b>Immunogen</b>           | A synthetic peptide (conjugated with KLH) corresponding to human CHRM3.                                                                               |
| <b>Host</b>                | Rabbit                                                                                                                                                |
| <b>Reactivity</b>          | Human                                                                                                                                                 |
| <b>Specificity</b>         | 3rd Cytoplasmic domain of human.                                                                                                                      |
| <b>Form</b>                | Liquid                                                                                                                                                |
| <b>Purification</b>        | Immunoaffinity purification                                                                                                                           |
| <b>Recommend Usage</b>     | Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>      | In PBS (0.09% sodium azide)                                                                                                                           |
| <b>Storage Instruction</b> | Store at 4°C. For long term storage store at -80°C.<br>Aliquot to avoid repeated freezing and thawing.                                                |

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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## Gene Info — CHRM3

Entrez GeneID [1131](#)

Protein Accession# [P20309](#)

Gene Name CHRM3

Gene Alias HM3

Gene Description cholinergic receptor, muscarinic 3

Omim ID [118494](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The muscarinic cholinergic receptors belong to a larger family of G protein-coupled receptors. The functional diversity of these receptors is defined by the binding of acetylcholine and includes cellular responses such as adenylate cyclase inhibition, phosphoinositide degradation, and potassium channel mediation. Muscarinic receptors influence many effects of acetylcholine in the central and peripheral nervous system. The muscarinic cholinergic receptor 3 controls smooth muscle contraction and its stimulation causes secretion of glandular tissue. [provided by RefSeq]

**Other Designations** m3 muscarinic receptor|muscarinic acetylcholine receptor M3

## Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)
- [Regulation of actin cytoskeleton](#)

## Disease

- [Asthma](#)
- [Bipolar Disorder](#)
- [Bronchial Hyperreactivity](#)
- [Celiac Disease](#)
- [Cognition](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hypersensitivity](#)
- [Mental Disorders](#)
- [Multiple Sclerosis](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Weight Gain](#)