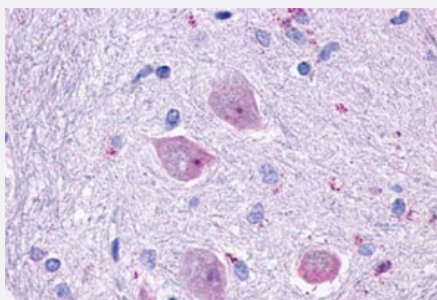


CHRM4 polyclonal antibody

Catalog # PAB26110

Size 50 ug

Applications



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

Immunohistochemical staining of human brain, neurons and glia with CHRM4 polyclonal antibody (Cat # PAB26110).

Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CHRM4.
Immunogen	A synthetic peptide corresponding to 20 amino acids at cytoplasmic domain of human CHRM4.
Host	Rabbit
Reactivity	Bovine, Guinea pig, Hamster, Horse, Human, Mouse, Pig, Rat
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. 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 — CHRM4

Entrez GeneID [1132](#)

Protein Accession# [P08173](#)

Gene Name CHRM4

Gene Alias HM4

Gene Description cholinergic receptor, muscarinic 4

Omim ID [118495](#)

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 clinical implications of this receptor are unknown; however, mouse studies link its function to adenylyl cyclase inhibition. [provided by RefSeq]

Other Designations muscarinic acetylcholine receptor M4

Pathway

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

Disease

- [Bipolar Disorder](#)
- [Cognition](#)
- [Disease Models](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Weight Gain](#)