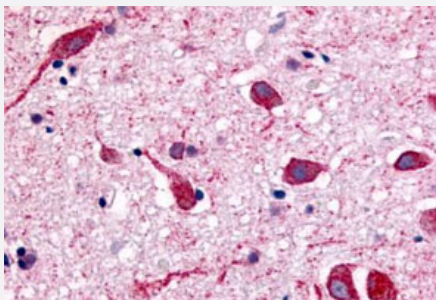


CHRM2 polyclonal antibody

Catalog # PAB26084

Size 50 ug

Applications



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

Immunohistochemical staining of human brain, neurons and glia with CHRM2 polyclonal antibody (Cat # PAB26084).

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

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CHRM2.
Immunogen	A synthetic peptide corresponding to 16 amino acids at cytoplasmic domain of human CHRM2.
Host	Rabbit
Reactivity	Bovine, Dog, Guinea pig, Hamster, Human, Monkey, Mouse, Pig, Rabbit, Rat, Sheep
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) (4 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

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

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Gene Info — CHRM2

Entrez GeneID [1129](#)

Protein Accession# [P08172](#)

Gene Name CHRM2

Gene Alias FLJ43243, HM2, MGC120006, MGC120007

Gene Description cholinergic receptor, muscarinic 2

Omim ID [118493](#)

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 to these receptors 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 2 is involved in mediation of bradycardia and a decrease in cardiac contractility. Multiple alternatively spliced transcript variants have been described for this gene. [provided by RefSeq]

Other Designations 7TM receptor|cholinergic receptor, muscarinic 2, isoform a|muscarinic M2 receptor|muscarinic acetylcholine receptor M2

Pathway

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

Disease

- [Alcoholism](#)
- [Alzheimer disease](#)
- [Asthma](#)
- [Bipolar Disorder](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Heart Diseases](#)
- [Hypercholesterolemia](#)
- [Inflammation](#)
- [Mental Disorders](#)
- [Mood Disorders](#)
- [Multiple Sclerosis](#)
- [Myocardial Infarction](#)
- [Neuropsychological Tests](#)
- [Personality Disorders](#)
- [Psychiatric Status Rating Scales](#)
- [Recurrence](#)

- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Substance-Related Disorders](#)
- [Tobacco Use Disorder](#)
- [Wechsler Scales](#)
- [Weight Gain](#)