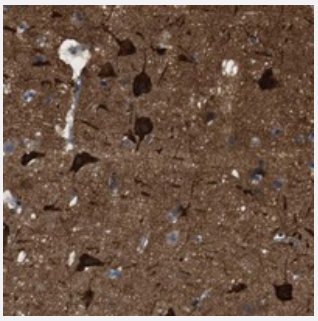
CHRM1 polyclonal antibody

Catalog # PAB20697 Size 100 uL

Applications



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

Immunohistochemical staining of human cerebral cortex with CHRM1 polyclonal antibody (Cat # PAB20697) shows strong cytoplasmic positivity in neuronal cells at 1:50-1:200 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant CHRM1.
Immunogen	Recombinant protein corresponding to amino acids of human CHRM1.
Sequence	SETPGKGGGSSSSSERSQPGAEGSPETPPGRCCRCCRAPRLLQAYSWKEEEEEDEGSMESLT SSEGEEPGSEVVIKMPMVDPEAQAPTKQPPRSSPNTVKRPTKKGRDRAGKGQKPRGKEQLAK RKTFSLVKE
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — CHRM1

Entrez GeneID	1128
Protein Accession#	P11229
Gene Name	CHRM1
Gene Alias	HM1, M1, MGC30125
Gene Description	cholinergic receptor, muscarinic 1
Omim ID	118510
Gene Ontology	Hyperlink
Gene Summary	The muscarinic cholinergic receptors belong to a larger family of G protein-coupled receptors. Th e functional diversity of these receptors is defined by the binding of acetylcholine and includes cell ular responses such as adenylate cyclase inhibition, phosphoinositide degeneration, and potassi um channel mediation. Muscarinic receptors influence many effects of acetylcholine in the central and peripheral nervous system. The muscarinic cholinergic receptor 1 is involved in mediation of vagally-induced bronchoconstriction and in the acid secretion of the gastrointestinal tract. The gen e encoding this receptor is localized to 11q13. [provided by RefSeq
Other Designations	muscarinic acetylcholine receptor M1

Pathway

- Calcium signaling pathway
- Neuroactive ligand-receptor interaction

- Regulation of actin cytoskeleton

Disease

- Acute Disease
- Alzheimer disease
- Asthma
- Bipolar Disorder
- Cardiovascular Diseases
- Cognition
- Diabetes Mellitus
- Disease Models
- Disease Susceptibility
- Edema
- Genetic Predisposition to Disease
- Hypercholesterolemia
- Low Back Pain
- Mental Disorders
- Myopia
- Neuropsychological Tests
- Pain
- Psychiatric Status Rating Scales
- Schizophrenia
- Schizophrenic Psychology
- Sciatica
- Tobacco Use Disorder
- Weight Gain