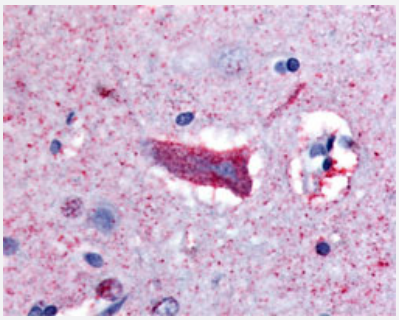
CHRM3 polyclonal antibody

Catalog # PAB16210 Size 50 ug

Applications



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

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human cortex of brain with CHRM3 polyclonal antibody (Cat # PAB16210).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CHRM3.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to human CHRM3.
Host	Rabbit
Reactivity	Human, Monkey, Mouse
Specificity	3rd cytoplasmic domain of human. Predicted crossreactivity with mouse due to sequence similarity .
Form	Liquid
Purification	Immunoaffinity purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10 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 shoul d be handled by trained staff only.

Applications

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

  Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human cortex of brain with CHRM3 polyclonal antibody (Cat # PAB16210).

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. 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 3 controls smooth muscle co ntraction 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