

RecomAb™

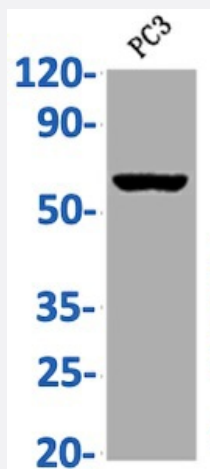
CHRM3 recombinant monoclonal antibody, clone 2D4

Catalog # RAB04126 Size 100 uL

Applications

Western Blot

Western Blot analysis of Lane 1: PC3 whole cell lysate.



Immunohistochemistry

Immunohistochemistry image of CHRM3 recombinant monoclonal antibody, clone 2D4 diluted at 1:100 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CHRM3.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human CHRM3.
Reactivity	Human

Form	Liquid
Purification	Affinity-chromatography
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20°C or -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

- Western Blot

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- Immunohistochemistry

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — CHR3

Entrez GeneID	1131
Protein Accession#	P20309
Gene Name	CHR3
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](#)