

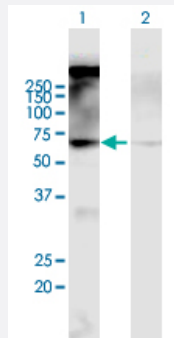
MaxPab®

CHRM2 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00001129-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CHRM2 expression in transfected 293T cell line ([H00001129-T02](#)) by CHRM2 MaxPab polyclonal antibody.

Lane 1: CHRM2 transfected lysate(51.70 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CHRM2 protein.
Immunogen	CHRM2 (AAI06743.1, 1 a.a. ~ 466 a.a) full-length human protein.
Sequence	MNNSTNSSNNSLALTSPYKTFEVVFMVLVAGSLSLVTIIGNILVMVSIKVNRLQTVNNYFLFSLACAD LIIGVFSMNLYTLTYVIGYWPLGPVVC DLWLALDYVVSNASVMNLLIISFDRYFCVTKPLTYPVKRTTK MAGMMIAAAWVLSFILWAPILFWQFMVGVRTVEDGECYQFFSNAAVTFGTAIAAFYLPVIMTVLY WHISRASKSRIKKDKKEPVANQDPVSPSLVQGRMVKPNNNNMPSSDDGLEHNKIQNGKAPRDPV TENCVQGEEKESSNDSTSVSAVASNM RDDEITQDENTVSTSLGHSKDENS KQTCIRIGTKTPKSD SCTPTNTTVEVVGSSGQNGDEKQNVARKVMKMTKQPAKKKPPPSREKKVTRTILAILLAFITWAPY NVMVLINTFCAPCIPNTVWTIGYWLCYINSTINPACYALCNATFKKTFKHLLMCHYKNIGATR
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — CHRM2

Entrez GeneID [1129](#)

GeneBank Accession# [NM_000739](#)

Protein Accession# [AAI06743.1](#)

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](#)