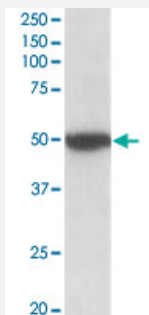


CHRM2 polyclonal antibody

Catalog # PAB25473

Size 100 ug

Applications



Western Blot (Tissue lysate)

CHRM2 polyclonal antibody (Cat # PAB25473) (2 ug/mL) staining of mouse brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of CHRM2.
Immunogen	A synthetic peptide corresponding to amino acids 352-364 at internal region of human CHRM2.
Sequence	CQNGDEKQNIVARK
Host	Goat
Theoretical MW (kDa)	50
Reactivity	Mouse
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:128000) Western Blot (0.5-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

Storage Instruction

Store at -20°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 (Tissue lysate)

CHRM2 polyclonal antibody (Cat # PAB25473) (2 ug/mL) staining of mouse brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CHRM2

Entrez GeneID[1129](#)**Protein Accession#**[NP_000730.1](#)**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](#)