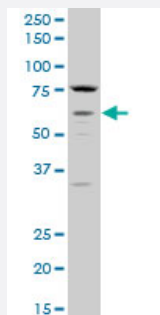


CHRM3 polyclonal antibody (A01)

Catalog # H00001131-A01

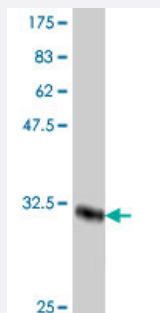
Size 50 uL

Applications



Western Blot (Cell lysate)

CHRM3 polyclonal antibody (A01), Lot # 051011JC01 Western Blot analysis of CHRM3 expression in PC-12 (Cat # L012V1).



Western Blot detection against Immunogen (33.48 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant CHRM3.
Immunogen	CHRM3 (NP_000731, 1 a.a. ~ 67 a.a) partial recombinant protein with GST tag.
Sequence	MTLHNNSTTSPLFPNISSSWIHSPSDAGLPPGTVTHFGSYNVSRAAGNFSSPDGTTDDPLGGHTVWQ
Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (75); Rat (78)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (33.48 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

CHRM3 polyclonal antibody (A01), Lot # 051011JC01 Western Blot analysis of CHRM3 expression in PC-12 (Cat # L012V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CHRM3

Entrez GeneID

[1131](#)

GeneBank Accession#

[NM_000740](#)

Protein Accession#

[NP_000731](#)

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. 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

Publication Reference

- [Airway Hyperresponsiveness Induced by Repeated Esophageal Infusion of HCl in Guinea Pigs.](#)

Cheng YM, Wang HW, Cao AL, Zheng JP, Sun YS, Liu CF, Zhang BB, Wang Y, Zhu SL, Wu DZ.

American Journal of Respiratory Cell and Molecular Biology 2014 Nov; 51(5):701.

Application: WB-Ti, Mouse, Lung

- [EXTRACELLULAR AND MEMBRANE-ASSOCIATED PROSTATE CANCER MARKERS.](#)

George G. Klee, George Vasmatazis, Farhad Kosari, Eric W. Klee

United States Patent Application Publication 2010 Feb; [Epub].

Application: Array, Mammal, Prostate cancer

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](#)