CHRM2 Antibody (R32671)

Catalog No.	Formulation	Size
R32671	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Predicted Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	P08172
Applications	WB: 0.5-1ug/ml
Limitations	This CHRM2 antibody is available for research use only.



Western blot testing of 1) rat brain and 2) mouse brain lysate with CHRM2 antibody at 0.5ug/ml. Predicted molecular weight ~52 kDa.

Description

The muscarinic acetylcholine receptor M2, also known as the cholinergic receptor, muscarinic 2, is a muscarinic acetylcholine receptor that in humans is encoded by the CHRM2 gene. 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 degeneration, 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.

Application Notes

Optimal dilution of the CHRM2 antibody should be determined by the researcher.

Immunogen

Amino acids 352-376 (QNGDEKQNIVARKIVKMTKQPAKKK) from the human protein were used as the immunogen for the CHRM2 antibody.

Storage

After reconstitution, the CHRM2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.