

Anti-Muscarinic Acetylcholine Receptor M3 Rabbit Monoclonal Antibody
Catalog # ABO15224**Specification****Anti-Muscarinic Acetylcholine Receptor M3 Rabbit Monoclonal Antibody - Product Information**

Application	WB
Primary Accession	P20309
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-Muscarinic Acetylcholine Receptor M3 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human.

Anti-Muscarinic Acetylcholine Receptor M3 Rabbit Monoclonal Antibody - Additional Information

Gene ID 1131

Other Names

Muscarinic acetylcholine receptor M3, CHRM3

Application Details

WB 1:500-1:1000

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human Muscarinic Acetylcholine Receptor M3

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-Muscarinic Acetylcholine Receptor M3 Rabbit Monoclonal Antibody - Protein Information

Name CHRM3

Function

The muscarinic acetylcholine receptor mediates various cellular responses, including inhibition of adenylate cyclase, breakdown of phosphoinositides and modulation of potassium channels through the action of G proteins. Primary transducing effect is P_i turnover.

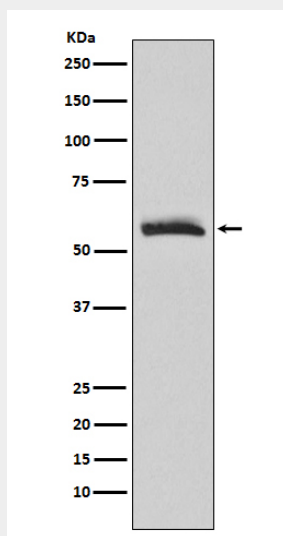
Cellular Location

Cell membrane; Multi-pass membrane protein. Postsynaptic cell membrane; Multi-pass membrane protein. Basolateral cell membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein. Note=Colocalizes with TMEM147 in the endoplasmic reticulum (ER) membrane. TMEM147 impairs its trafficking to the cell membrane leading to its retention in the ER membrane

Anti-Muscarinic Acetylcholine Receptor M3 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Muscarinic Acetylcholine Receptor M3 Rabbit Monoclonal Antibody - Images

Western blot analysis of Muscarinic Acetylcholine Receptor M3 expression in human fetal brain lysate.