

Muscarinic Acetylcholine Receptor M3 Antibody
Rabbit mAb
Catalog # AP91534**Specification**

Muscarinic Acetylcholine Receptor M3 Antibody - Product Information

Application	WB
Primary Accession	P20309
Clonality	Monoclonal
Other Names	
AChR; CHRM3; EGBRS; HM3; M3 muscarinic receptor;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	66128 Da

Muscarinic Acetylcholine Receptor M3 Antibody - Additional Information

Dilution	WB~~1:1000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Muscarinic Acetylcholine Receptor M3
Description	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 Pi turnover.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Muscarinic Acetylcholine Receptor M3 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 Pi 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

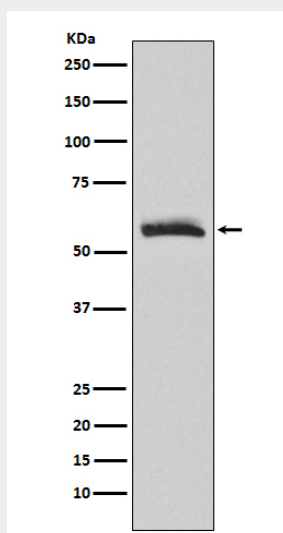
retention in the ER membrane

Muscarinic Acetylcholine Receptor M3 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](#)

Muscarinic Acetylcholine Receptor M3 Antibody - Images



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