

Muscarinic Acetylcholine Receptor M2 Rabbit mAb
Catalog # AP75755**Specification**

Muscarinic Acetylcholine Receptor M2 Rabbit mAb - Product Information

Application	WB, IHC-P, IP
Primary Accession	P08172
Reactivity	Human, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	51715

Muscarinic Acetylcholine Receptor M2 Rabbit mAb - Additional Information**Gene ID** 1129**Other Names**
CHRM2**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A
IP~~N/A**Format**
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**Muscarinic Acetylcholine Receptor M2 Rabbit mAb - Protein Information****Name** CHRM2**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 adenylate cyclase inhibition. Signaling promotes phospholipase C activity, leading to the release of inositol trisphosphate (IP3); this then triggers calcium ion release into the cytosol.**Cellular Location**
Cell membrane; Multi-pass membrane protein. Postsynaptic cell membrane; Multi-pass membrane protein. Note=Phosphorylation in response to agonist binding promotes receptor internalization {ECO:0000250|UniProtKB:P06199}

Muscarinic Acetylcholine Receptor M2 Rabbit mAb - 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 M2 Rabbit mAb - Images

