

Anti-CHRM2 / M2 Antibody (Cytoplasmic Domain)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17505**Specification**

Anti-CHRM2 / M2 Antibody (Cytoplasmic Domain) - Product Information

Application	IHC-P
Primary Accession	P08172
Predicted	Human, Rabbit, Monkey, Sheep, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51715

Anti-CHRM2 / M2 Antibody (Cytoplasmic Domain) - Additional Information**Gene ID** 1129**Alias Symbol** CHRM2**Other Names**

CHRM2, 7TM receptor, HM2, M2 muscarinic receptor, M2-mAChR, Muscarinic receptor M2, Muscarinic M2 receptor

Target/Specificity

Human CHRM2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-CHRM2 / M2 Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-CHRM2 / M2 Antibody (Cytoplasmic Domain) - 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}

Anti-CHRM2 / M2 Antibody (Cytoplasmic Domain) - 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-CHRM2 / M2 Antibody (Cytoplasmic Domain) - Images