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CHRM2 / M2 Antibody (Cytoplasmic Domain)

Rabbit Polyclonal Antibody

Catalog # ALS10336

Specification

CHRM2 / M2 Antibody (Cytoplasmic Domain) - Product Information

Application	**IHC**
Primary Accession	P08172
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**52kDa KDa**

CHRM2 / M2 Antibody (Cytoplasmic Domain) - Additional Information

Gene ID 1129

Other Names
Muscarinic acetylcholine receptor M2, CHRM2

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

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

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

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}

Volume

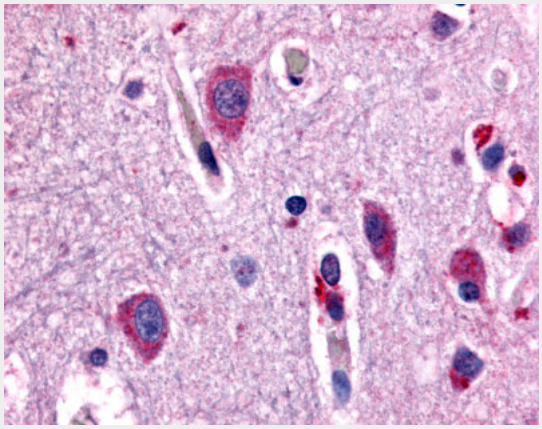
50 µl

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 Cytomety
- Cell Culture

CHRM2 / M2 Antibody (Cytoplasmic Domain) - Images



Anti-CHRM2 antibody ALS10336 IHC of human brain, neurons and glia.

CHRM2 / M2 Antibody (Cytoplasmic Domain) - Background

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.

CHRM2 / M2 Antibody (Cytoplasmic Domain) - References

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