

CHRM4 / M4 Antibody (Cytoplasmic Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10067

Specification

CHRM4 / M4 Antibody (Cytoplasmic Domain) - Product Information

Application	IHC
Primary Accession	P08173
Reactivity	Human, Mouse, Hamster, Pig, Horse, Bovine, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53kDa KDa

CHRM4 / M4 Antibody (Cytoplasmic Domain) - Additional Information

Gene ID 1132

Other Names

Muscarinic acetylcholine receptor M4, CHRM4

Target/Specificity

Human CHRM4. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

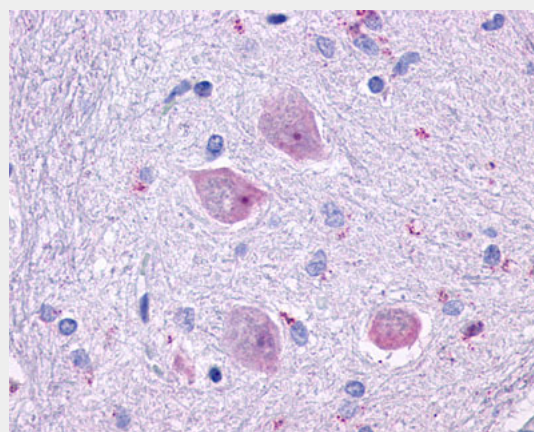
CHRM4 / M4 Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

CHRM4 / M4 Antibody (Cytoplasmic Domain) - Protein Information

Name CHRM4

Function

The muscarinic acetylcholine receptor mediates various cellular responses, including inhibition of adenylate cyclase, breakdown of phosphoinositides and modulation of potassium channels through



Anti-CHRM4 antibody ALS10067 IHC of human brain, neurons and glia.

CHRM4 / M4 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 inhibition of adenylate cyclase.

CHRM4 / M4 Antibody (Cytoplasmic Domain) - References

Bonner T.I., et al. Science 237:527-532(1987).
Bonner T.I., et al. Neuron 1:403-410(1988).
Peralta E.G., et al. EMBO J. 6:3923-3929(1987).
Puhl H.L. III, et al. Submitted (APR-2002) to the EMBL/GenBank/DDBJ databases.
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

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Cellular Location

Cell membrane; Multi-pass membrane protein. Cell junction, synapse, postsynaptic cell membrane; Multi-pass membrane protein

Volume

50 µl

CHRM4 / M4 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](#)