

CHRM4 Antibody (C-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21733b**Specification**

CHRM4 Antibody (C-Term) - Product Information

Application	WB,E
Primary Accession	P08173
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	53049

CHRM4 Antibody (C-Term) - Additional Information**Gene ID** 1132**Other Names**

Muscarinic acetylcholine receptor M4, CHRM4

Target/Specificity

This CHRM4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 201-236 amino acids from human CHRM4.

Dilution

WB~~1:2000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CHRM4 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

CHRM4 Antibody (C-Term) - 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 the action of G proteins. Primary transducing effect is inhibition of adenylate

cyclase.

Cellular Location

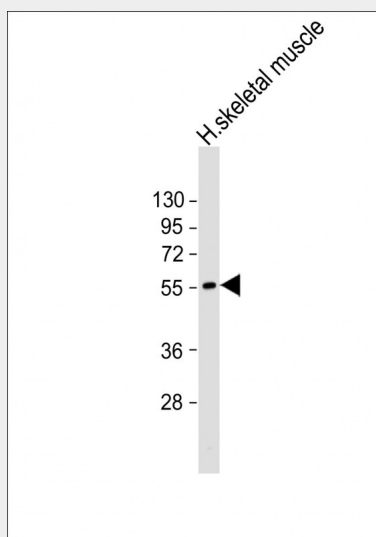
Cell membrane; Multi-pass membrane protein. Postsynaptic cell membrane; Multi-pass membrane protein

CHRM4 Antibody (C-Term) - 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](#)

CHRM4 Antibody (C-Term) - Images



Anti-CHRM4 Antibody (C-Term) at 1:2000 dilution + human skeletal muscle lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 53 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

CHRM4 Antibody (C-Term) - 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 Antibody (C-Term) - 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.