

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 Ig
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

Format

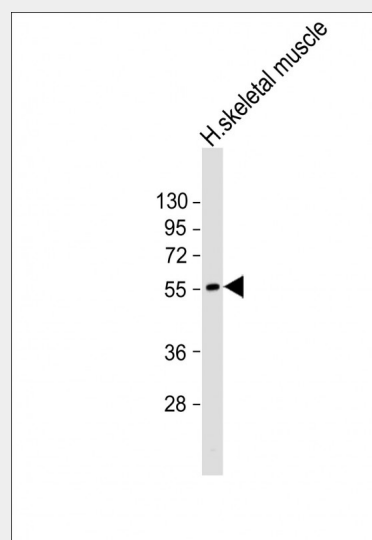
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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.



Anti-CHRM4 Antibody (C-Term) at 1:2000 dilution + human skeletal muscle 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.

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. Cell junction, synapse, 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](#)