

# CHRM4 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21733b

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P08173</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB53327
<b>Calculated MW</b>	53049

## Additional Information

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<b>Gene ID</b>	1132
<b>Other Names</b>	Muscarinic acetylcholine receptor M4, CHRM4
<b>Target/Specificity</b>	This CHRM4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 201-236 amino acids from human CHRM4.
<b>Dilution</b>	WB~~1:2000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	CHRM4 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	CHRM4
<b>Function</b>	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.
<b>Cellular Location</b>	Cell membrane; Multi-pass membrane protein. Postsynaptic cell membrane;

## Background

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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.

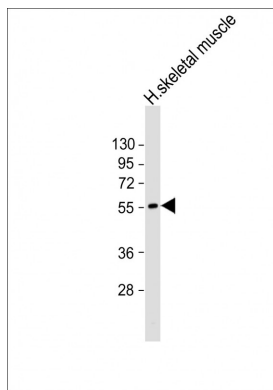
## References

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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.  
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## Images

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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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.