

# CHRM1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21104a

## Product Information

---

<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P11229</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB51455
<b>Calculated MW</b>	51421

## Additional Information

---

<b>Gene ID</b>	1128
<b>Other Names</b>	Muscarinic acetylcholine receptor M1, CHRM1
<b>Target/Specificity</b>	This CHRM1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 331-367 amino acids from the C-terminal region of human CHRM1.
<b>Dilution</b>	WB~~1:1000 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>	CHRM1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

---

<b>Name</b>	CHRM1
<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 Pi turnover.
<b>Cellular Location</b>	Cell membrane; Multi-pass membrane protein. Postsynaptic cell membrane;

## 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 Pi turnover.

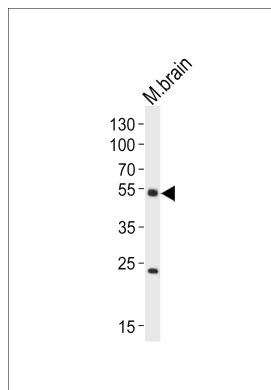
## References

---

Allard W.J.,et al.Nucleic Acids Res. 15:10604-10604(1987).  
Chapman C.G.,et al.Nucleic Acids Res. 18:2191-2191(1990).  
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.  
Arden J.R.,et al.Biochem. Biophys. Res. Commun. 188:1111-1115(1992).

## Images

---



Western blot analysis of lysate from mouse brain tissue lysate, using CHRM1 Antibody (C-term)(Cat. #AP21104a). AP21104a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

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