

### CHRM3 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP22122b

### Specification

# CHRM3 Antibody (C-Term) - Product Information

Application	
Primary Accession	
Other Accession	
Reactivity	
Host	
Clonality	
Isotype	
Calculated MW	
Antigen Region	

WB,E <u>P20309</u> <u>O9N2A3</u>, <u>O9N2A4</u> Human Rabbit polyclonal Rabbit IgG 66128 382-416

## CHRM3 Antibody (C-Term) - Additional Information

Gene ID 1131

**Other Names** Muscarinic acetylcholine receptor M3, CHRM3

Target/Specificity

This CHRM3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 382-416 amino acids from human CHRM3.

**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** CHRM3 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

## CHRM3 Antibody (C-Term) - Protein Information

#### Name CHRM3

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 Pi turnover.

#### **Cellular Location**

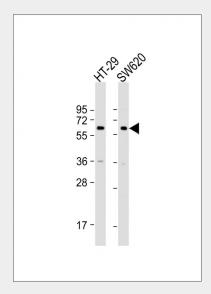
Cell membrane; Multi-pass membrane protein. Postsynaptic cell membrane; Multi-pass membrane protein. Basolateral cell membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein. Note=Colocalizes with TMEM147 in the endoplasmic reticulum (ER) membrane. TMEM147 impairs its trafficking to the cell membrane leading to its retention in the ER membrane

#### CHRM3 Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

#### CHRM3 Antibody (C-Term) - Images



All lanes : Anti-CHRM3 Antibody (C-Term) at 1:2000 dilution Lane 1: HT-29 whole cell lysate Lane 2: SW620 whole cell lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit lgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 66 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

#### CHRM3 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 Pi turnover.

#### CHRM3 Antibody (C-Term) - References



Peralta E.G., et al.EMBO J. 6:3923-3929(1987). Bonner T.I., et al.Neuron 1:403-410(1988). Kitano T., et al.Mol. Biol. Evol. 21:936-944(2004). Puhl H.L. III, et al.Submitted (APR-2002) to the EMBL/GenBank/DDBJ databases. Gregory S.G., et al.Nature 441:315-321(2006).