

## CHRM4

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**Reactivity:**Human Mouse

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:2000

**Calculated MW:**53kDa

**Observed MW:**Refer to figures

**Immunogen:**

A synthetic peptide of human CHRM4

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

HM4; M4R;

**Catalog #:**A2866

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**1132

**Isotype:**IgG

**Swiss Prot:**P08173

**Purity:**Affinity purification

For research use only.

**Background:**

The muscarinic cholinergic receptors belong to a larger family of G protein-coupled receptors. The functional diversity of these receptors is defined by the binding of acetylcholine and includes cellular responses such as adenylate cyclase inhibition, phosphoinositide degeneration, and potassium channel mediation. Muscarinic receptors influence many effects of acetylcholine in the central and peripheral nervous system. The clinical implications of this receptor are unknown; however, mouse studies link its function to adenylyl cyclase inhibition.

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