# Product datasheet for TA349277

## CHRM1 Rabbit Polyclonal Antibody

## Product data:

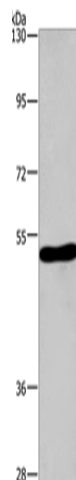| | |
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| **Product Type:** | Primary Antibodies |
| **Applications:** | WB |
| **Recommended Dilution:** | WB: 200-1000<br>WB positive control: Mouse brain tissue |
| **Reactivity:** | Human, Mouse, Rat |
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Immunogen:** | Fusion protein of human CHRM1 |
| **Formulation:** | pH7.4 PBS, 0.05% NaN3, 40% Glyceroln |
| **Concentration:** | lot specific |
| **Purification:** | Antigen affinity purification |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store at -20°C as received. |
| **Stability:** | Stable for 12 months from date of receipt. |
| **Predicted Protein Size:** | 51 kDa |
| **Gene Name:** | cholinergic receptor muscarinic 1 |
| **Database Link:** | NP_000729<br>Entrez Gene 12669 Mouse Entrez Gene 25229 Rat Entrez Gene 1128 Human<br>P11229 |
| **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 muscarinic cholinergic receptor 1 is involved in mediation of vagally-induced bronchoconstriction and in the acid secretion of the gastrointestinal tract. The gene encoding this receptor is localized to 11q13 |

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| **Synonyms:** | HM1; M1; M1R |
| **Protein Families:** | Druggable Genome, GPCR, Transmembrane |
| **Protein Pathways:** | Calcium signaling pathway, Neuroactive ligand-receptor interaction, Regulation of actin cytoskeleton |

## Product images:



Gel: 10%SDS-PAGE
Lysate: 40 μg
Lane: Mouse brain tissue
Primary antibody: TA349277 (CHRM1 Antibody) at dilution 1/375
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 5 minutes