

Product datasheet for **TA349277S**

CHRM1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 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% NaN ₃ , 40% Glycerol
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 Entrez Gene 12669 Mouse Entrez Gene 25229 Rat Entrez Gene 1128 Human 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
Synonyms:	HM1; M1; M1R

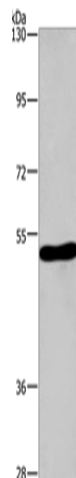


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Protein Families: Druggable Genome, GPCR, Transmembrane

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