

ARG56244 anti-CHRM5 / M5 mAChR antibody

Package: 100 µl
Store at: -20°C

Summary

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|---------------------|--|
| Product Description | Rabbit Polyclonal antibody recognizes CHRM5 / M5 mAChR |
| Tested Reactivity | Hu, Ms, Rat |
| Tested Application | WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | CHRM5 / M5 mAChR |
| Species | Human |
| Immunogen | Recombinant protein of Human M5 mAChR |
| Conjugation | Un-conjugated |
| Alternate Names | HM5; Muscarinic acetylcholine receptor M5 |

Application Instructions

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|-------------------|--|----------------|
| Application table | Application | Dilution |
| | WB | 1:500 - 1:2000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Positive Control | U251 | |

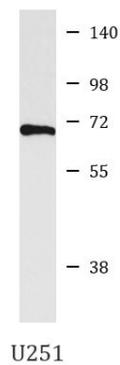
Properties

| | |
|---------------------|---|
| Form | Liquid |
| Purification | Affinity purification with immunogen. |
| Buffer | PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 50% Glycerol |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

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|----------------|--|
| Gene Symbol | CHRM5 |
| Gene Full Name | cholinergic receptor, muscarinic 5 |
| 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 degradation, 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, stimulation of this receptor is known to increase cyclic AMP levels. [provided by RefSeq, Jul 2008] |
| 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. [UniProt] |
| Calculated Mw | 60 kDa |

Images



ARG56244 anti-CHRM5 / M5 mAChR antibody WB image

Western blot: U251 cell lysate stained with ARG56244 anti-CHRM5 / M5 mAChR antibody.