

## ARG56244 anti-CHRM5 / M5 mAChR antibody

Package: 100 µl  
Store at: -20°C

### Summary

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

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	

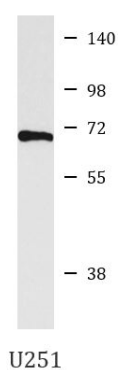
### Properties

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

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.