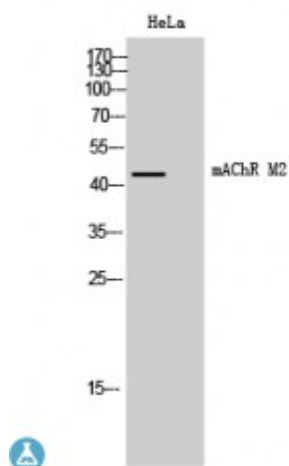


Anti-mAChR M2 antibody



Description	Rabbit polyclonal to mAChR M2.
Model	STJ93977
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, WB
Immunogen	Synthesized peptide derived from human mAChR M2
Immunogen Region	160-240 aa, Internal
Gene ID	1129
Gene Symbol	CHRM2
Dilution range	WB 1:500-1:2000IF 1:200-1:1000ELISA 1:20000
Specificity	mAChR M2 Polyclonal Antibody detects endogenous levels of mAChR M2 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Muscarinic acetylcholine receptor M2
Molecular Weight	45 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:1951OMIM:103780
Alternative Names	Muscarinic acetylcholine receptor M2
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 adenylate cyclase inhibition. Signaling promotes phospholipase C activity, leading to the release of inositol trisphosphate (IP3); this then triggers calcium ion release into the cytosol.
Cellular Localization	Cell membrane. Multi-pass membrane protein. Cell junction, synapse, postsynaptic cell membrane. Multi-pass membrane protein. Phosphorylation in response to agonist binding promotes receptor internalization.
Post-translational Modifications	Phosphorylated in response to agonist treatment.