

Product datasheet for **TA392838**

Muscarinic Acetylcholine Receptor M4 (CHRM4) Rabbit Polyclonal Antibody

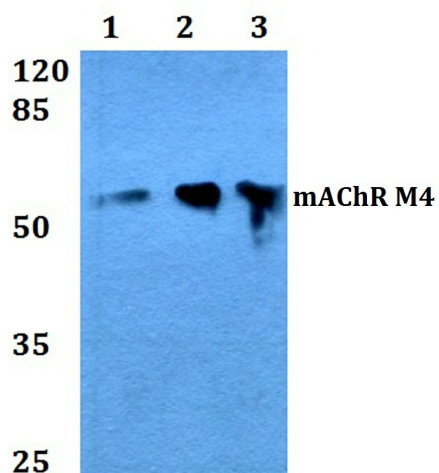
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000
Reactivity:	Human, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 241-290 of Human mAChR M4.
Specificity:	mAChR M4 (P277) polyclonal antibody detects endogenous levels of mAChR M4 protein
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 53 kDa
Gene Name:	cholinergic receptor muscarinic 4
Database Link:	Entrez Gene 1132 Human P08173
Background:	The muscarinic acetylcholine receptors (mAChR) mediate a variety of cellular responses, including inhibition of adenylate cyclase, breakdown of phosphoinositides and modulation of potassium channels. The mAChRs transducer signals by coupling to G-proteins, which then modulate several downstream effector proteins and ion channels. Five mAChR subtypes have been identified, designated M1 to M5. The five receptor subtypes show distinct patterns of tissue distribution, as well as distinct pharmacological and functional properties.
Synonyms:	Muscarinic acetylcholine receptor M4,CHRM4
Note:	For research use only, not for use in diagnostic procedure.



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Product images:



Western blot (WB) analysis of mAChR M4 (P277) pAb at 1:500 dilution Lane1:H1792 whole cell lysate(40ug) Lane2:MCF-7 whole cell lysate(40ug) Lane3:K562 whole cell lysate(40ug) Lane4:C6 whole cell lysate(40ug) Lane5:SP2/0 whole cell lysate(40ug)