

Rabbit CHRM2 Polyclonal Antibody | anti-CHRM2 antibody

CHRM2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285956	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Pig, Rat)	ELISA, Western Blot

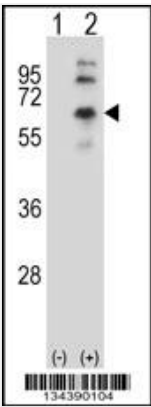
PRODUCT SYNONYMS

CHRM2; Polyclonal Antibody; CHRM2 Antibody (Center); Muscarinic acetylcholine receptor M2; anti-CHRM2 antibody

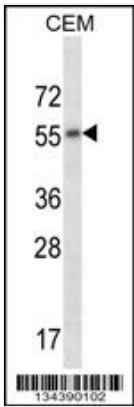
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CHRM2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 336-364 amino acids from the Central region of human CHRM2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	336-364
Sequence Length	466
Applicable Applications for anti-CHRM2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of CHRM2 (arrow) using rabbit polyclonal CHRM2 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CHRM2 gene.



WB (Western Blot)
CHRM2 Antibody (Center) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the CHRM2 antibody detected the CHRM2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CHRM2 antibody	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 to these receptors 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 2 is involved in mediation of bradycardia and a decrease in cardiac contractility. Multiple alternatively spliced transcript variants have been described for this gene.
Product Categories/Family for anti-CHRM2 antibody	Neuroscience; GPCR Antibodies
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Ruano, G., et al. Pharmacogenomics 11(7):959-971(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Cannon, D.M., et al. Mol. Psychiatry (2010) In press : Bosker, F.J., et al. Mol. Psychiatry (2010) In press :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502817
NCBI GeneID	1129
NCBI Accession #	NP_000730.1; NP_001006627.1; NP_001006628.1; NP_001006629.1; NP_001006630.1; NP_001006631.1; NP_001006632.1; NP_001006633.1
NCBI GenBank Nucleotide #	NM_000739.2
UniProt Accession #	P08172; Q4VBK6; Q9P1X9
Molecular Weight	51715
NCBI Official Full Name	muscarinic acetylcholine receptor M2
NCBI Official Synonym Full Names	cholinergic receptor, muscarinic 2
NCBI Official Symbol	CHRM2

NCBI Official Synonym Symbols	HM2
NCBI Protein Information	muscarinic acetylcholine receptor M2
UniProt Protein Name	Muscarinic acetylcholine receptor M2
UniProt Gene Name	CHRM2
UniProt Entry Name	ACM2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/chrm2-antibody-western-blot-elisa/285956>