

Rabbit CHRM1 Polyclonal Antibody | anti-CHRM1 antibody

CHRM1 Rabbit pAb

CATALOG # AAA281700	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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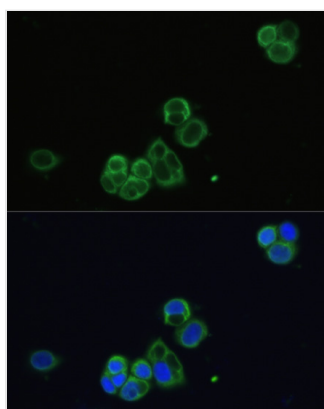
PRODUCT SYNONYMS

CHRM1; Polyclonal Antibody; CHRM1 Rabbit pAb; HM1; M1; M1R; anti-CHRM1 antibody

PRODUCT SPECIFICATIONS

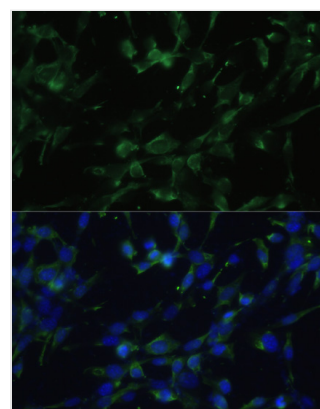
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-CHRM1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of human CHRM1.
Cellular Location	Cell junction, Cell membrane, Multi-pass membrane protein, postsynaptic cell membrane, synapse
Positive Samples	Mouse brain, Rat brain
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



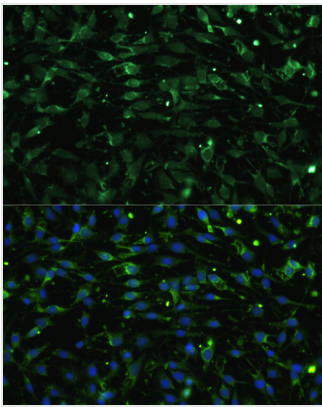
IF (Immunofluorescence)

Immunofluorescence analysis of OVCAR-3 cells using CHRM1 antibody at dilution of 1:100.
Blue: DAPI for nuclear staining.



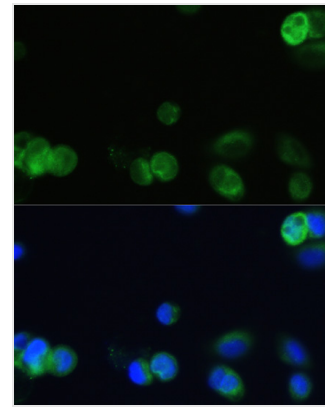
IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using CHRM1 antibody at dilution of 1:100.
Blue: DAPI for nuclear staining.



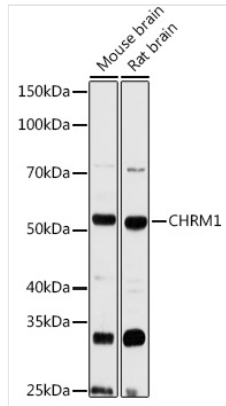
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using CHRM1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of OVCAR-3 cells using CHRM1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CHRM1 antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-CHRM1 antibody	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 degeneration, and potassium channel mediation. Muscarinic receptors influence many effects of acetylcholine in the central and peripheral nervous system. The muscarinic cholinergic receptor 1 is involved in mediation of vagally-induced bronchoconstriction and in the acid secretion of the gastrointestinal tract. The gene encoding this receptor is localized to 11q13.
Product Categories/Family for anti-CHRM1 antibody	Signal Transduction ; G protein signaling ; G-Protein-Coupled Receptors(GPCR) ; Research ; Neuroscience ; Neurodegenerative Diseases ; Amyloid Plaque and Neurofibrillary Tangle Formation in Alzheimer's Disease

NCBI AND UNIPROT INFORMATION

NCBI GI #	37622910
NCBI GeneID	1128
NCBI Accession #	NP_000729.2
NCBI GenBank Nucleotide #	NM_000738.2
UniProt Accession #	P11229
Molecular Weight	51,421 Da
NCBI Official Full Name	muscarinic acetylcholine receptor M1

NCBI Official Synonym Full Names	cholinergic receptor, muscarinic 1
NCBI Official Symbol	CHRM1
NCBI Official Synonym Symbols	M1; HM1; M1R
NCBI Protein Information	muscarinic acetylcholine receptor M1; acetylcholine receptor, muscarinic 1
UniProt Protein Name	Muscarinic acetylcholine receptor M1
UniProt Gene Name	CHRM1
UniProt Entry Name	ACM1_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://stage.aaabiotech.com/polyclonal/chrm1-antibody-immunofluorescence-western-blot-elisa/281700>