

Rabbit CHRM5 Polyclonal Antibody | anti-CHRM5 antibody

CHRM5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327006	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

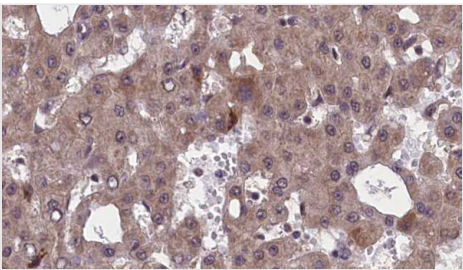
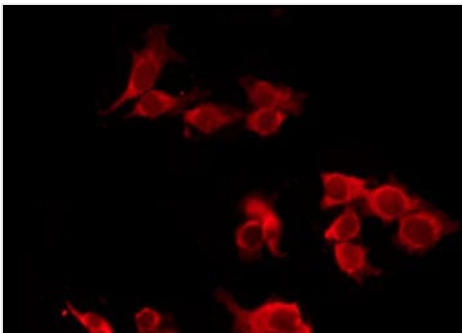
PRODUCT SYNONYMS

CHRM5; Polyclonal Antibody; CHRM5 Antibody; Acetylcholine receptor muscarinic 5; AChR; AChR M5; CHKM5MR; Cholinergic receptor muscarinic 5; Chrm 5; HM 5; HM5; m5; M5R; MGC41838; anti-CHRM5 antibody

PRODUCT SPECIFICATIONS

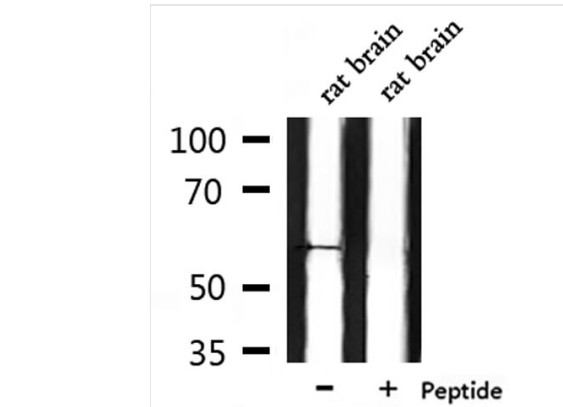
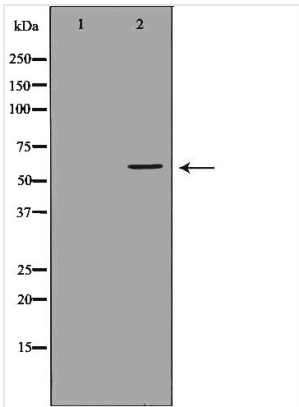
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CHRM5 antibody detects endogenous levels of total CHRM5
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	532
Applicable Applications for anti-CHRM5 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CHRM5
Subcellular Location	Membrane; Multipass Membrane Protein.
Predicted Cross Reactivity	Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (92%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemisry)
AAA327006 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

IF (Immunofluorescence)
AAA327006 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from rat brain, using CHRM5 Antibody.

WB (Western Blot)
Western blot analysis of Mouse liver tissue lysates, using CHRM5 Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CHRM5 antibody	Description: 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 clinical implications of this receptor are unknown; however, stimulation of this receptor is known to increase cyclic AMP levels. 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. Similarity: Belongs to the G-protein coupled receptor 1 family. Muscarinic acetylcholine receptor subfamily. CHRM5 sub-subfamily.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	1004170598
NCBI GeneID	1133
NCBI Accession #	NP_001307846.1
NCBI GenBank Nucleotide #	NM_001320917.1
UniProt Accession #	P08912; Q96RG7

Molecular Weight	Observed: 60 kDa Predicted: 61 kDa
NCBI Official Full Name	muscarinic acetylcholine receptor M5
NCBI Official Synonym Full Names	cholinergic receptor muscarinic 5
NCBI Official Symbol	CHRM5
NCBI Official Synonym Symbols	HM5
NCBI Protein Information	muscarinic acetylcholine receptor M5
UniProt Protein Name	Muscarinic acetylcholine receptor M5
UniProt Gene Name	CHRM5

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/chrm5-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/327006>