

Rabbit CHRM5 Polyclonal Antibody | anti-CHRM5 antibody

CHRM5 Polyclonal Antibody

CATALOG # AAA279841	HOST Rabbit	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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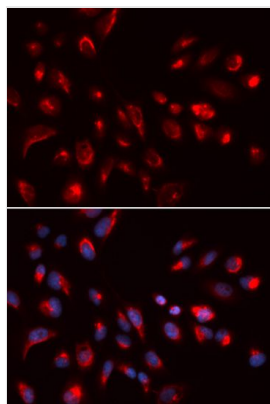
PRODUCT SYNONYMS

CHRM5; Polyclonal Antibody; CHRM5 Polyclonal Antibody; HM5; anti-CHRM5 antibody

PRODUCT SPECIFICATIONS

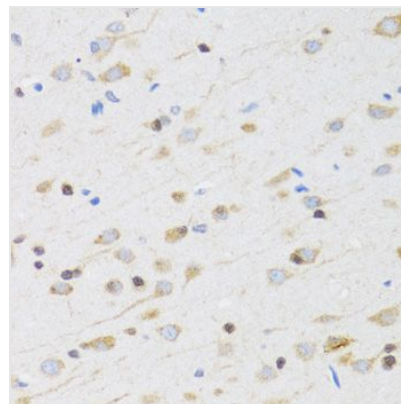
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	532
Applicable Applications for anti-CHRM5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 230-430 of human CHRM5
Preparation and Storage	Store at -20. Avoid freeze / thaw cycles.

IMAGES



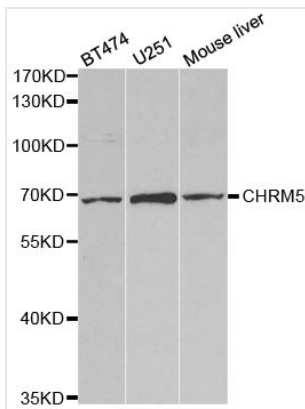
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using CHRM5 antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using CHRM5 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CHRM5 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 120s.

ADDITIONAL INFORMATION

Related Product Information for anti-CHRM5 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 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.
Product Categories/Family for anti-CHRM5 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	543761
NCBI GeneID	1133
UniProt Accession #	P08912; Q96RG7
Molecular Weight	Observed MW: 68 kDa Calculated MW: 60 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; acetylcholine receptor, muscarinic 5
UniProt Protein Name	Muscarinic acetylcholine receptor M5
UniProt Gene Name	CHRM5
UniProt Entry Name	ACM5_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.