

Rabbit CHRM5 / M5 Polyclonal Antibody | anti-CHRM5 antibody

Rabbit Polyclonal to Human CHRM5 / M5

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52138	Rabbit	Gorilla, Human, Monkey Predicted Reactivity: Gibbon (at least 90% immunogen sequence identity)	Immunohistochemistry

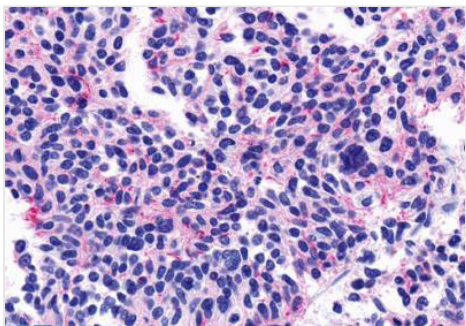
PRODUCT SYNONYMS

CHRM5 / M5; Polyclonal Antibody; Rabbit Polyclonal to Human CHRM5 / M5; Anti-CHRM5 / M5 Antibody (Cytoplasmic Domain) IHC-plus; CHRM5; M5 muscarinic receptor; Muscarinic m5 receptor; Muscarinic receptor M5; HM5; Human CHRM5; M5; anti-CHRM5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gorilla, Human, Monkey Predicted Reactivity: Gibbon (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human CHRM5. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	532
Applicable Applications for anti-CHRM5 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from 3rd cytoplasmic domain of human CHRM5. Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey (100%); Gibbon (94%); Chimpanzee, Marmoset (88%); Dog, Bovine, Panda, Horse (81%).
Immunogen Type	Synthetic peptide
Immunogen	CHRM5 / M5 antibody was raised against synthetic 16 amino acid peptide from 3rd cytoplasmic domain of human CHRM5. Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey (100%); Gibbon (94%); Chimpanzee, Marmoset (88%); Dog, Bovine, Panda, Horse (81%).
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-CHRM5 / M5 antibody IHC of human Lung, Small Cell Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-CHRM5 antibody IHC of human brain, vessel. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-CHRM5 antibody	Muscarinic cholinergic receptor M5 is an Acetylcholine Receptor that is active during embryonic development. It is coupled to phosphoinositide degradation and to the activation of mitogen-activated protein kinase (MAPK).
Product Categories/Family for anti-CHRM5 antibody	Family: GPCR; Subfamily: Acetylcholine

NCBI AND UNIPROT INFORMATION

NCBI GI #	7108336
NCBI GeneID	1133
NCBI Accession #	NP_036257.1
NCBI GenBank Nucleotide #	NM_012125.3
UniProt Accession #	P08912; Q96RG7
Molecular Weight	60,074 Da
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.