

CHRM3 recombinant antibody

CHRM3 Antibody

CATALOG # AAA243963	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

CHRM3; Monoclonal Recombinant Antibody; CHRM3 Antibody; Muscarinic acetylcholine receptor M3; CHRM3 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	2D4
Purity/Purification	Affinity-chromatography
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, PH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for CHRM3 recombinant antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Antibody Type	Recombinant Antibody
Conjugation	Non-conjugated
Immunogen	A synthesized peptide derived from human Muscarinic Acetylcholine Receptor M3
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image diluted at 1:100 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



WB (Western Blot)

Western BlotPositive WB detected in:PC3 whole cell lysateAll lanes: Muscarinic Acetylcholine Receptor M3 antibody at 1:2000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 67 kDaObserved band size: 67 kDa

ADDITIONAL INFORMATION

Related Product Information for CHRM3 recombinant antibody	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.
Product Categories/Family for CHRM3 recombinant antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502819
NCBI GeneID	1131
NCBI Accession #	NP_000731.1
NCBI GenBank Nucleotide #	NM_000740.2
UniProt Accession #	P20309; Q0VAJ8; Q4QRI3; Q5VXY2; Q9HB60
Molecular Weight	66,128 Da
NCBI Official Full Name	muscarinic acetylcholine receptor M3
NCBI Official Synonym Full Names	cholinergic receptor, muscarinic 3
NCBI Official Symbol	CHRM3
NCBI Official Synonym Symbols	HM3; EGBRS
NCBI Protein Information	muscarinic acetylcholine receptor M3; acetylcholine receptor, muscarinic 3; m3 muscarinic receptor
UniProt Protein Name	Muscarinic acetylcholine receptor M3
UniProt Gene Name	CHRM3
UniProt Entry Name	ACM3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/chrm3-recombinant-antibody-clone-2d4-immunohistochemistry-western-blot-elisa/243963>