

Datasheet for ABIN7043060
anti-CHRM1 antibody (3rd Intracellular Loop)



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3 Images

Overview

Quantity:	25 µL
Target:	CHRM1
Binding Specificity:	3rd Intracellular Loop, AA 227-353
Reactivity:	Rat, Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHRM1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Immunogen: GST fusion protein Immunogen Sequence: GST fusion protein with the sequence GSETPGKGGGSSSSSERSQPGAEGSPETPPGRCCRCCRAPRLQAYSWKEEEEEDEGSMESLTSSEGEPPGSEVVIKMPMVDPI corresponding to amino acid residues 227-353 of human M1
Isotype:	IgG
Characteristics:	Anti-CHRM1 Antibody is directed against the 3rd intracellular loop of the human M1 muscarinic receptor. Anti-CHRM1 A be used in western blot analysis, immunohistochemistry and immunocytochemistry applications. It has been designed
Purification:	The serum was depleted of anti-GST antibodies by affinity chromatography on immobilized GST and then the IgG fracti

Target Details

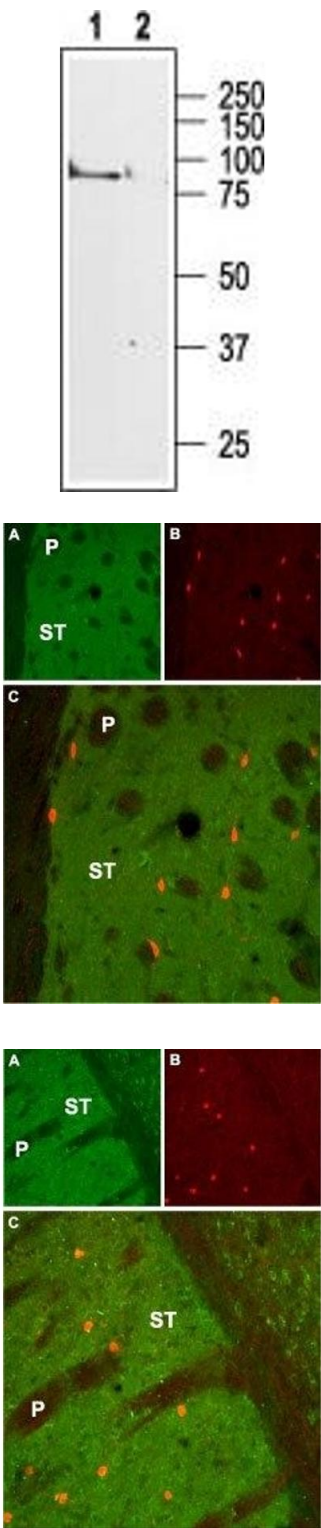
Target:	CHRM1
Alternative Name:	CHRM1 (CHRM1 Products)
Background:	Alternative names: M1 Muscarinic Receptor, CHRM1, Cholinergic muscarinic receptor 1, Muscarinic acetylcholine receptor M1
Gene ID:	1128
NCBI Accession:	NM_000738
UniProt:	P11229
Pathways:	Synaptic Membrane

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.95 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



Western Blotting

Image 1. Western blot analysis of rat brain membranes: - 1. Anti-CHRM1 Antibody (ABIN7043060, ABIN7044580 and ABIN7044581), (1:200).2. Anti-CHRM1 Antibody, preincubated with CHRM1 Blocking Peptide (#BLP-MR001).

Immunohistochemistry

Image 2. Expression of Muscarinic acetylcholine receptor M1 in rat striatum - Immunohistochemical staining of rat striatum (ST) using Anti-CHRM1 Antibody (ABIN7043060, ABIN7044580 and ABIN7044581). A. M1 mAChR appears in the striatum (green). B. Staining of interneurons with mouse anti-parvalbumin (PV, red). C. Confocal merge of M1 mAChR and PV demonstrates localization of PV expressing neurons in the striatal matrix, not in striatal patches (P).

Immunohistochemistry

Image 3. Expression of Muscarinic acetylcholine receptor M1 in mouse striatum - Immunohistochemical staining of mouse striatum (ST) using Anti-CHRM1 Antibody (ABIN7043060, ABIN7044580 and ABIN7044581). A. M1 mAChR appears in the striatum (green). B. Staining of interneurons with mouse anti-parvalbumin (PV, red). C. Confocal merge of M1 mAChR and PV demonstrates localization of PV expressing neurons in the striatal matrix, not in striatal patches (P).