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anti-CHRM5 antibody

3 Images



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Quantity:	200 μL
Target:	CHRM5
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHRM5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human CHRM5 (NP_036257.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	CHRM5
Alternative Name:	CHRM5 (CHRM5 Products)
Background:	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

Target Details

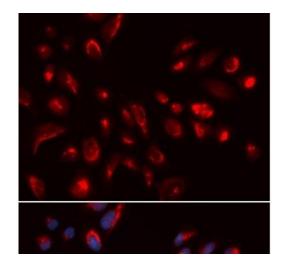
	of acetylcholine in the central and peripheral nervous system. The clinical implications of this receptor are unknown, however, stimulation of this receptor is known to increase cyclic AMP levels.
Molecular Weight:	Observed_MW: 68 kDa Calculated_MW: 60 kDa
Gene ID:	1133
UniProt:	P08912
Pathways:	Synaptic Membrane

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200
Restrictions:	For Research Use only

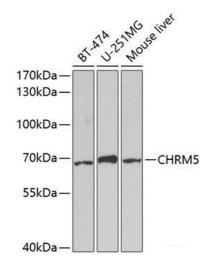
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



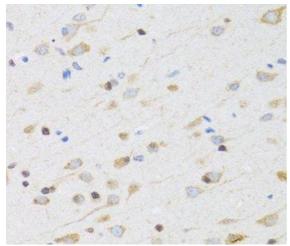
Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using CHRM5 Polyclonal Antibody



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using CHRM5 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Rat brain using CHRM5 Polyclonal Antibody at dilution of 1:100 (40x lens).