

Datasheet for ABIN2788654
anti-CHRM1 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	CHRM1
Binding Specificity:	C-Term
Reactivity:	Rat, Human, Mouse, Dog, Cow, Horse, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHRM1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human CHRM1
Sequence:	VKRPTKKGRD RAGKGQKPRG KEQLAKRKTF SLVKEKKAAR TLSAILLAFI
Predicted Reactivity:	Cow: 93%, Dog: 86%, Guinea Pig: 100%, Horse: 86%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against CHRM1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CHRM1
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Target Details

Alternative Name:	CHRM1 (CHRM1 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 of acetylcholine in the central and peripheral nervous system. The muscarinic cholinergic receptor 1 is involved in mediation of vagally-induced bronchoconstriction and in the acid secretion of the gastrointestinal tract. The gene encoding this receptor is localized to 11q13. Alias Symbols: HM1, M1, M1R, MGC30125 Protein Interaction Partner: CDC14A, GPRASP2, GPRASP1, Dlg4, GNAI2, Protein Size: 460
Molecular Weight:	51 kDa
Gene ID:	1128
NCBI Accession:	NM_000738 , NP_000729
UniProt:	P11229
Pathways:	Synaptic Membrane

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 460 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-CHRM1 Antibody Titration: 1.0 ug/ml Positive Control: Fetal Bladder