

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





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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

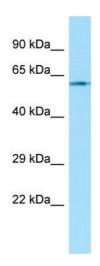
Target Details

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