

Datasheet for ABIN317696
anti-CHRM1 antibody



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Overview

Quantity:	0.1 mg
Target:	CHRM1
Reactivity:	Rat, Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHRM1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Specificity:	This antibody detects endogenous levels of Muscarinic acetylcholine receptor M1 / mAChR M1 protein (region surrounding Arg336).
Purification:	Affinity-chromatography using epitope-specific immunogen

Target Details

Target:	CHRM1
Alternative Name:	Muscarinic Acetylcholine Receptor M1 (CHRM1 Products)
Background:	The muscarinic acetylcholine receptors (mAChR) mediate a variety of cellular responses, including inhibition of adenylate cyclase, breakdown of phosphoinositides and modulation of potassium channels. The mAChRs transducer signals by coupling to G-proteins, which then modulate several downstream effector proteins and ion channels. Five mAChR subtypes have been identified, designated M1 to M5. The five receptor subtypes show distinct patterns of

Target Details

tissue distribution, as well as distinct pharmacological and functional properties. The amino acid sequence of each mAChR subtype reflects a structure that is characteristic of G-protein coupled receptors, consisting of seven highly conserved transmembrane segments and a large intracellular region unique to each subtype, which constitutes the effector-coupling domain. Synonyms: CHRM1, mAChR M1, mAChR-M1

Molecular Weight:	Approx. 50 kDa
Gene ID:	1128
NCBI Accession:	NP_000729
UniProt:	P11229
Pathways:	Synaptic Membrane

Application Details

Application Notes:	ELISA: 1: 5000approx. 1: 20000. WB: 1: 500approx. 1: 1000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1,0 mg/mL
Buffer:	Phosphate buffered saline (PBS) with 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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

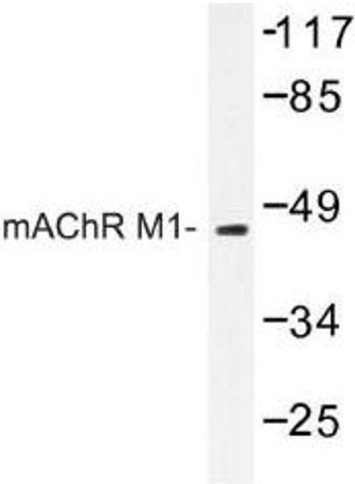


Image 1.