

Datasheet for ABIN317740

anti-CHRM5 antibody

1 Image

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Overview

Quantity:	0.1 mg
Target:	CHRM5
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHRM5 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Specificity:	MACHR M5 antibody detects endogenous levels of mAChR M5 protein.(region surrounding Pro224)
Cross-Reactivity (Details):	Species reactivity (tested):Human, Mouse and Rat.
Purification:	Affinity-chromatography

Target Details

Target:	CHRM5
Alternative Name:	Muscarinic Acetylcholine Receptor M5 (CHRM5 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

Target Details

been identified, designated M1 to M5. The five receptor subtypes show distinct patterns of 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: CHRM5, mAChR M5, mAChR-M5

Molecular Weight: approx. 45 kDa

Gene ID: 1133

NCBI Accession: [NP_036257](#)

UniProt: [P08912](#)

Pathways: [Synaptic Membrane](#)

Application Details

Application Notes: ELISA: 1: 5000 approx. 1: 10000. WB: 1: 500 approx. 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, approx. pH 7.2.

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.

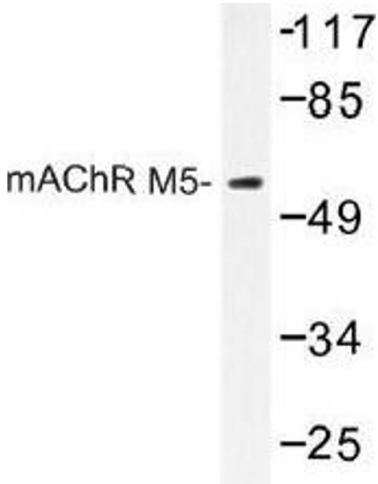


Image 1.