

**mAChR M1 (R336) polyclonal antibody**

Catalog: BS2708

Host: Rabbit

Reactivity: Human, Mouse, Rat

**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 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.

**Product:**

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

**Molecular Weight:**

~ 50 kDa

**Swiss-Prot:**

P11229

**Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum

by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

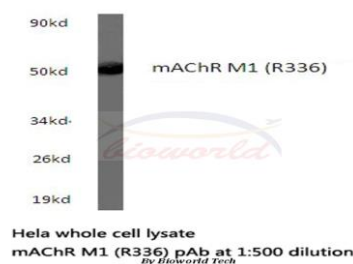
WB: 1:500~1:1000

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Specificity:**

mAChR M1 (R336) polyclonal antibody detects endogenous levels of mAChR M1 protein.

**DATA:**

Western blot (WB) analysis of mAChR M1 (R336) polyclonal antibody in extracts from hela cells.

**Note:**

For research use only, not for use in diagnostic procedure.

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