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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07398 - Goat Anti-M1 mAChR / CHRM1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CHRM1, M1 mAChR, cholinergic receptor, muscarinic 1, HM1, M1, MGC30125, muscarinic acetylcholine receptor M1

Official Symbol: CHRM1

Accession Number(s): NP_000729.2

Human GeneID(s): [1128](#)

Non-Human GeneID(s): 12669 (mouse), 25229 (rat)

Immunogen

Peptide with sequence C-DKRRWRKIPKRPGSVH, from the C Terminus of the protein sequence according to NP_000729.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 50kDa band observed in Mouse Heart lysates (calculated MW of 51.4kDa according to NP_000729.2). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Human, Mouse, Rat, Dog

EB07398 (0.3µg/ml) staining of Mouse Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.