

Goat anti-M1 mAChR / CHRM1 Antibody

Item Number	dAP-0913
Target Molecule	Principle Name: M1 mAChR / CHRM1; Official Symbol: CHRM1; All Names and Symbols: CHRM1; M1 mAChR; cholinergic receptor, muscarinic 1 ; HM1; M1; MGC30125 ; muscarinic acetylcholine receptor M1; Accession Number (s): NP_000729.2; Human Gene ID(s): 1128; Non-Human GeneID(s): 12669 (mouse) 25229 (rat)
Immunogen	DKRRWRKIPKRPGSVH, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	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.
IHC	
Reference	Reference(s): Caccamo A, Oddo S, Billings LM, Green KN, Martinez-Coria H, Fisher A, LaFerla FM. M1 receptors play a central role in modulating AD-like pathology in transgenic mice. <i>Neuron</i> . 2006 Mar 2;49 (5):671-82. .PMID: 16504943 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**