

Goat anti-CHRM2 (aa352-364) Antibody

Item Number	dAP-2692
Target Molecule	Principle Name: CHRM2 (aa352-364); Official Symbol: CHRM2; All Names and Symbols: CHRM2; cholinergic receptor, muscarinic 2; FLJ43243; HM2; MGC120006; MGC120007; 7TM receptor; OTTHUMP00000208393; OTTHUMP00000208394; OTTHUMP00000208395; OTTHUMP00000208396; muscarinic M2 receptor; muscarinic acetylcholine receptor M2; Accession Number (s): NP_000730.1; Human Gene ID(s): 1129; Non-Human GeneID(s): 243764 (mouse)
Immunogen	QNGDEKQIVARK, is from internal region Reported variants represent identical protein: NP_001006628.1, NP_001006633.1, NP_001006627.1, NP_000730.1, NP_001006629.1, NP_001006630.1, NP_001006631.1, NP_001006632.1.
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 128000.
Western Blot	Western Blot: Approx 50kDa band observed in Mouse Brain lysates (calculated MW of 51.5kDa according to Mouse NP_987076.2). Recommended concentration: 0.5-2µg/ml.
IHC	
Reference	Reference(s): Hendershot CS, Bryan AD, Ewing SW, Claus ED, Hutchison KE. Preliminary evidence for associations of CHRM2 with substance use and disinhibition in adolescence. J Abnorm Child Psychol. 2011 Jul;39(5):671-81..PMID: 21494862->

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 ender users! This product is sold for **Research Use Only**