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Quantity:	100 μg
Target:	CHRM1
Binding Specificity:	C-Term
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CHRM1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	M1 mAChR / CHRM1
Immunogen:	Peptide with sequence C-DKRRWRKIPKRPGSVH, from the C Terminus of the protein sequence according to NP_000729.2.
Sequence:	DKRRWRKIPK RPGSVH
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

rarget Details		
Target:	CHRM1	
Alternative Name:	CHRM1 (CHRM1 Products)	
Background:	CHRM1, M1 mAChR, cholinergic receptor, muscarinic 1 , HM1, M1, MGC30125 , muscarinic acetylcholine receptor M1	
Gene ID:	1128, 12669, 25229	
NCBI Accession:	NP_000729	
Pathways:	Synaptic Membrane	
Application Details		
Application Notes:	Western Blot: Approx 50 kDa band observed in Mouse Heart lysates (calculated MW of	
	51.4 kDa according to NP_000729.2). Recommended concentration: 0.3-1 μg/mL.	
	Peptide ELISA: antibody detection limit dilution 1:64000.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.5 mg/mL	
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.	
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:	Minimize freezing and thawing.	
Storage:	-20 °C	
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerate	

at 4°C for a few weeks and still remain viable.

	250kDa 150kDa 100kDa	
	75kDa	
-	50kDa	
	37kDa	
	25kDa	
	20kDa	
	15kDa	
	10kDa	
	250kDa 150kDa	
	100kDa	
	75kDa	
-	50kDa	
	37kDa	
	25kDa	
	20kDa	

Image 1. ABIN185701 (1 μ g/ml) staining of Human Brain lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Image 2. ABIN185701 (0.3 μ g/mL) staining of Mouse Heart lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.