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anti-Muscarinic Acetylcholine Receptor M2 antibody (Internal Region)



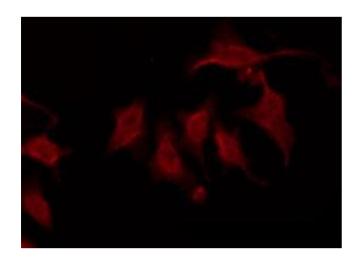
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1 Image

Overview	
Quantity:	100 μL
Target:	Muscarinic Acetylcholine Receptor M2 (CHRM2)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Muscarinic Acetylcholine Receptor M2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC),
	Immunocytochemistry (ICC)
Product Details	
lmmunogen:	A synthesized peptide derived from human CHRM2, corresponding to a region within the
	internal amino acids.
Isotype:	IgG
Specificity:	CHRM2 Antibody detects endogenous levels of total CHRM2.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling
	Resin (Thermo Fisher Scientific).
Target Details	
Target:	Muscarinic Acetylcholine Receptor M2 (CHRM2)

Target Details

rarget Details	
Alternative Name:	CHRM2 (CHRM2 Products)
Background:	Description: The muscarinic acetylcholine receptor mediates various cellular responses, including inhibition of adenylate cyclase, breakdown of phosphoinositides and modulation of potassium channels through the action of G proteins. Primary transducing effect is adenylate cyclase inhibition. Signaling promotes phospholipase C activity, leading to the release of inositol trisphosphate (IP3), this then triggers calcium ion release into the cytosol. Gene: CHRM2
Molecular Weight:	45 kDa
Gene ID:	1129
UniProt:	P08172
Application Details	
Application Notes:	WB 1:500-1:1000, IF/ICC 1:100-1:500, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 $\%$ sodium azide and 50 $\%$ glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Immunofluorescence (fixed cells)

Image 1. ABIN6275970 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25¡ãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37¡ãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibod