

Datasheet for ABIN5000028

anti-Muscarinic Acetylcholine Receptor M2 antibody (AA 381-466) (AbBy Fluor® 680)



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Overview

Quantity:	100 µL
Target:	Muscarinic Acetylcholine Receptor M2 (CHRM2)
Binding Specificity:	AA 381-466
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Muscarinic Acetylcholine Receptor M2 antibody is conjugated to AbBy Fluor® 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ChRM2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Pig,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	Muscarinic Acetylcholine Receptor M2 (CHRM2)
Alternative Name:	ChRM2 (CHRM2 Products)

Target Details

Background:	Synonyms: HM2, Muscarinic acetylcholine receptor M2, CHRM2 Background: 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 ID:	1129
UniProt:	P08172

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months