


Product datasheet

Anti-Muscarinic Acetylcholine Receptor M3/CHRM3 antibody ab60981

[1 References](#) [1 Image](#)

Overview

Product name	Anti-Muscarinic Acetylcholine Receptor M3/CHRM3 antibody
Description	Rabbit polyclonal to Muscarinic Acetylcholine Receptor M3/CHRM3
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Sheep, Horse, Hamster, Cow, Pig, Chimpanzee, Monkey, Gorilla, Common marmoset, Orangutan, Elephant 
Immunogen	Synthetic peptide corresponding to Human Muscarinic Acetylcholine Receptor M3/CHRM3.
Positive control	Heart tissue
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.70 Preservative: 0.1% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Purification notes	ab60981 was purified by peptide immunogen affinity column.
Clonality	Polyclonal
Isotype	IgG

Applications

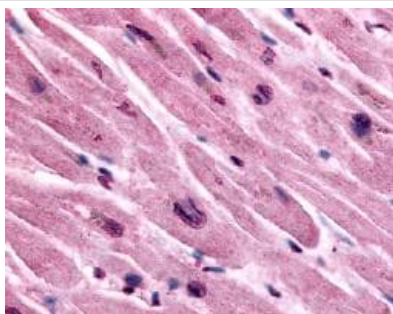
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab60981 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 10 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function	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 Pi turnover.
Sequence similarities	Belongs to the G-protein coupled receptor 1 family. Muscarinic acetylcholine receptor subfamily. CHRM3 sub-subfamily.
Cellular localization	Cell membrane. Cell junction > synapse > postsynaptic cell membrane. Basolateral cell membrane.

Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human heart tissue, staining Muscarinic Acetylcholine Receptor M3/CHRM3 with ab60981 at 10 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Muscarinic Acetylcholine Receptor M3/CHRM3 antibody (ab60981)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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