

CHRM4 / M4 Antibody (aa236-285)
Rabbit Polyclonal Antibody
Catalog # ALS15807

Specification

CHRM4 / M4 Antibody (aa236-285) - Product Information

Application	IHC, IF
Primary Accession	P08173
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53kDa KDa

CHRM4 / M4 Antibody (aa236-285) - Additional Information

Gene ID 1132

Other Names

Muscarinic acetylcholine receptor M4,
CHRM4

Target/Specificity

CHRM4 Antibody detects endogenous levels of total CHRM4 protein.

Format

PBS (without Mg²⁺, Ca²⁺), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

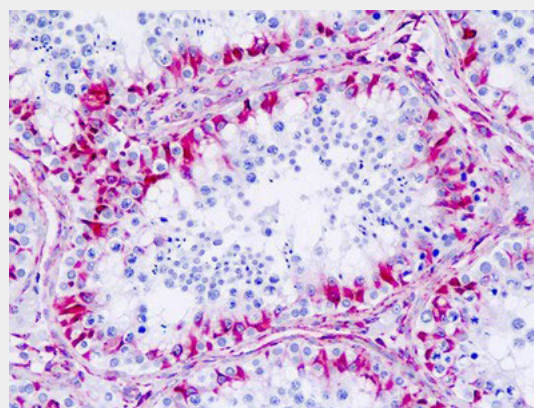
CHRM4 / M4 Antibody (aa236-285) is for research use only and not for use in diagnostic or therapeutic procedures.

CHRM4 / M4 Antibody (aa236-285) - Protein Information

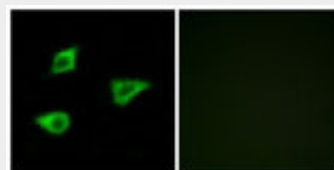
Name CHRM4

Function

The muscarinic acetylcholine receptor mediates various cellular responses, including inhibition of adenylate cyclase,



Anti-CHRM4 / M4 antibody IHC staining of human testis.



Immunofluorescence of LOVO cells, using CHRM4 Antibody.

CHRM4 / M4 Antibody (aa236-285) - 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 inhibition of adenylate cyclase.

CHRM4 / M4 Antibody (aa236-285) - References

Bonner T.I.,et al.Science 237:527-532(1987).
Bonner T.I.,et al.Neuron 1:403-410(1988).
Peralta E.G.,et al.EMBO J. 6:3923-3929(1987).
Puhl H.L. III,et al.Submitted (APR-2002) to the EMBL/GenBank/DDBJ databases.
Mural R.J.,et al.Submitted (SEP-2005) to the

breakdown of phosphoinositides and modulation of potassium channels through the action of G proteins. Primary transducing effect is inhibition of adenylate cyclase.

EMBL/GenBank/DDBJ databases.

Cellular Location

Cell membrane; Multi-pass membrane protein. Cell junction, synapse, postsynaptic cell membrane; Multi-pass membrane protein

Volume

Array

**CHRM4 / M4 Antibody (aa236-285) -
Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)