10320 Camino Santa Fe, Suite G
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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, breakdown of phosphoinositides and modulation of potassium channels through the action of G proteins. Primary transducing effect is inhibition of adenylate cyclase.

Cellular Location
Cell membrane; Multi-pass membrane protein. Postsynaptic cell membrane; Multi-pass membrane protein

Volume
Array

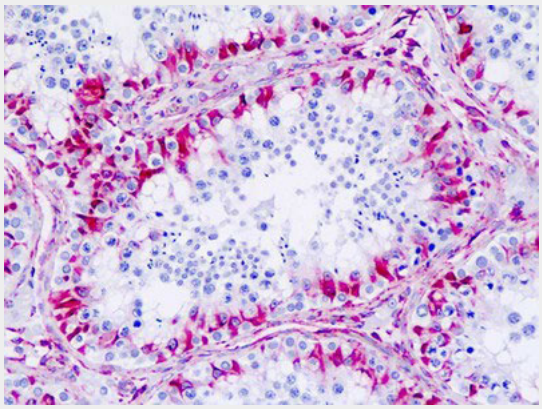
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CHRM4 / M4 Antibody (aa236-285) - Protocols

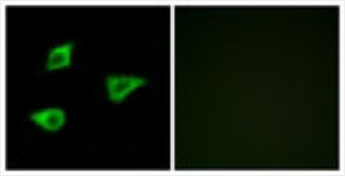
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CHRM4 / M4 Antibody (aa236-285) - Images



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).
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