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MAS1 / MAS Antibody (Extracellular Domain)

Rabbit Polyclonal Antibody

Catalog # ALS10385

Specification

MAS1 / MAS Antibody (Extracellular Domain) - Product Information

Application	**IHC-P**
Primary Accession	P04201
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**37kDa KDa**
Dilution	**IHC-P~~N/A**

MAS1 / MAS Antibody (Extracellular Domain) - Additional Information

Gene ID 4142

Other Names
Proto-oncogene Mas, MAS1, MAS

Target/Specificity
Human MAS1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
MAS1 / MAS Antibody (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

MAS1 / MAS Antibody (Extracellular Domain) - Protein Information

Name MAS1

Synonyms MAS

Function
Receptor for angiotensin 1-7 (By similarity). Acts specifically as a functional antagonist of AGTR1 (angiotensin-2 type 1 receptor), although it up-regulates AGTR1 receptor levels. Positive regulation of AGTR1 levels occurs through activation of the G-proteins GNA11 and GNAQ, and stimulation of the protein kinase C signaling cascade. The antagonist effect on AGTR1 function is probably due to AGTR1 being physically altered by MAS1.

Cellular Location
Cell membrane; Multi-pass membrane protein

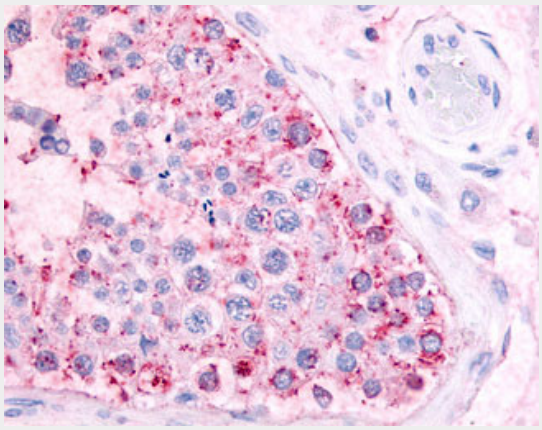
Volume
50 µl

MAS1 / MAS Antibody (Extracellular Domain) - 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

MAS1 / MAS Antibody (Extracellular Domain) - Images



Anti-MAS1 antibody ALS10385 IHC of human testis.

MAS1 / MAS Antibody (Extracellular Domain) - Background

Receptor for angiotensin 1-7 (By similarity). Acts specifically as a functional antagonist of AGTR1 (angiotensin-2 type 1 receptor), although it up-regulates AGTR1 receptor levels. Positive regulation of AGTR1 levels occurs through activation of the G-proteins GNA11 and GNAQ, and stimulation of the protein kinase C signaling cascade. The antagonist effect on AGTR1 function is probably due to AGTR1 being physically altered by MAS1.

MAS1 / MAS Antibody (Extracellular Domain) - References

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Halleck A.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Mungall A.J.,et al.Nature 425:805-811(2003).
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Jackson T.R.,et al.Nature 335:437-440(1988).