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# MAS1 / MAS Antibody (Cytoplasmic Domain)
**Rabbit Polyclonal Antibody**
**Catalog # ALS10384**

## Specification

### MAS1 / MAS Antibody (Cytoplasmic Domain) - Product Information

| | |
|---|---|
| Application | **IHC** |
| Primary Accession | P04201 |
| Reactivity | **Human, Mouse, Hamster, Monkey, Pig, Bovine** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Calculated MW | **37kDa KDa** |

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

### MAS1 / MAS Antibody (Cytoplasmic 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

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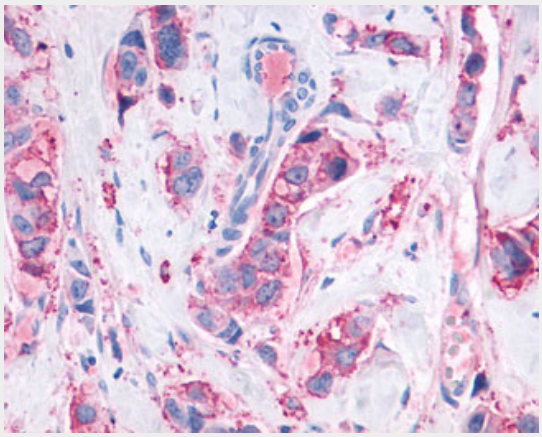
**Volume**
50 µl

### MAS1 / MAS Antibody (Cytoplasmic 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 (Cytoplasmic Domain) - Images



Anti-MAS1 / MAS antibody IHC of human Breast, Carcinoma.

### MAS1 / MAS Antibody (Cytoplasmic 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 (Cytoplasmic 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).