

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

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

Application	IHC-P
Primary Accession	<a href="#">P04201</a>
Reactivity	Human, Mouse, Hamster, Monkey, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37kDa KDa
Dilution	IHC-P~~N/A

**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

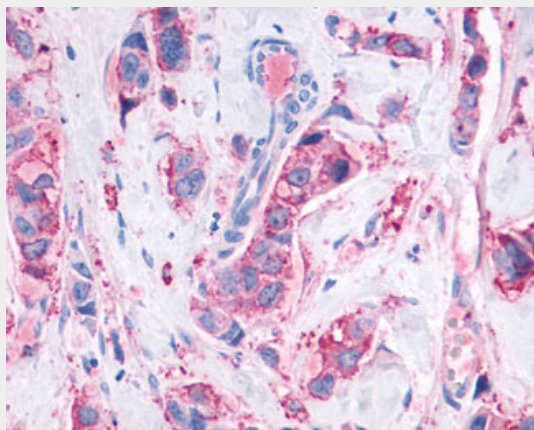
**Volume**  
50 µl

### **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 Cytometry](#)
- [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**

Young D.,et al.Cell 45:711-719(1986).  
Halleck A.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.  
Mungall A.J.,et al.Nature 425:805-811(2003).  
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.  
Jackson T.R.,et al.Nature 335:437-440(1988).