

**MAS1 / MAS Antibody (C-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10386****Specification**

---

**MAS1 / MAS Antibody (C-Terminus) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC                    |
| Primary Accession | <a href="#">P04201</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 37kDa KDa              |

**MAS1 / MAS Antibody (C-Terminus) - 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 (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**MAS1 / MAS Antibody (C-Terminus) - 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**

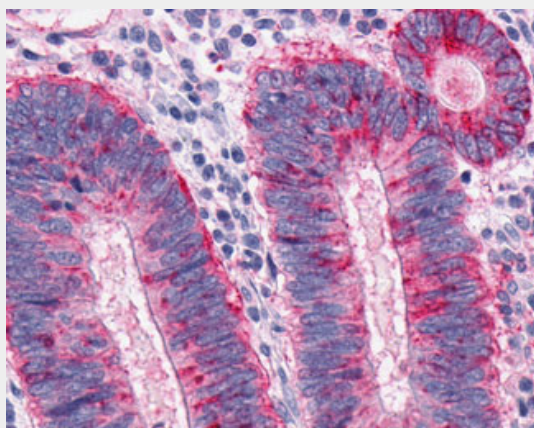
50 µl

### **MAS1 / MAS Antibody (C-Terminus) - Protocols**

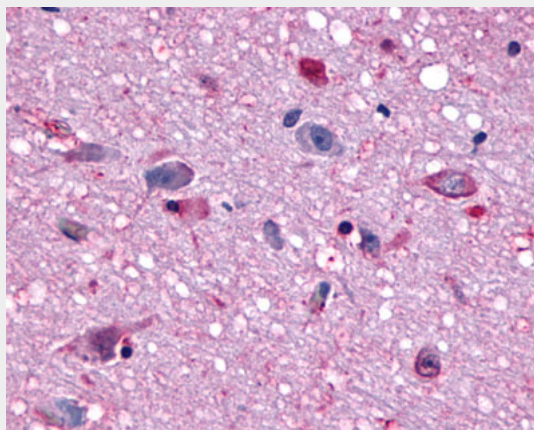
Provided below are standard protocols that you may find useful for product applications.

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

### **MAS1 / MAS Antibody (C-Terminus) - Images**



Anti-MAS1 / MAS antibody IHC of human Lung, Adenocarcinoma.



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

### **MAS1 / MAS Antibody (C-Terminus) - 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 (C-Terminus) - 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).