

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

MAS1 / MAS Antibody (C-Terminus) - 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 (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

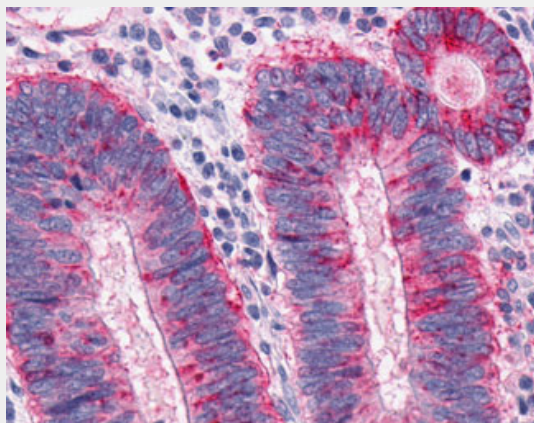
Volume
50 µl

MAS1 / MAS Antibody (C-Terminus) - Protocols

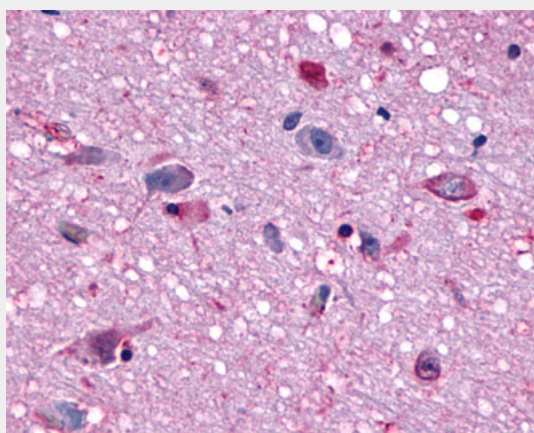
Provided below are standard protocols that you may find useful for product applications.

- [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).