

MAS1-Specific Polyclonal antibody

Catalog Number: 20081-1-AP

Basic Information

Catalog Number:

20081-1-AP

Size:

260 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_002377

GeneID (NCBI):

4142

UNIPROT ID:

P04201

Full Name:

MAS1 oncogene

Calculated MW:

37 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Species Specificity:

human

Background Information

MAS1, also named as MAS, belongs to the G-protein coupled receptor 1 family. It is a receptor for angiotensin 1-7. MAS1 acts specifically as a functional antagonist of AGTR1 (angiotensin-2 type 1 receptor), although it up-regulates AGTR1 receptor levels. MAS1 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. The MAS oncogene has a weak focus-inducing activity in transfected NIH 3T3 cells. This antibody is specific to MAS1.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

