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Datasheet for ABIN7166488

anti-MAS1 antibody (AA 285-325) (HRP)

Overview

Quantity:	100 µg
Target:	MAS1
Binding Specificity:	AA 285-325
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAS1 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Proto-oncogene Mas protein (285-325AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MAS1
Alternative Name:	MAS1 (MAS1 Products)
Background:	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

Target Details

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.

Aliases: MAS antibody, MAS proto oncogene antibody, Mas-related G protein-coupled receptor A antibody, MAS_HUMAN antibody, Mas1 antibody, MAS1 oncogene antibody, MAS1 proto-oncogene, G protein-coupled receptor antibody, MGRA antibody, Proto-oncogene Mas antibody

UniProt: [P04201](#)

Pathways: [ACE Inhibitor Pathway](#), [Regulation of Carbohydrate Metabolic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.