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Datasheet for ABIN5006573

anti-MAS1 antibody (AA 70-120) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	MAS1
Binding Specificity:	AA 70-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAS1 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MAS1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	MAS1
Alternative Name:	MAS1 (MAS1 Products)
Background:	Synonyms: MAS, MGRA, Proto-oncogene Mas, MAS1

Target Details

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.

Gene ID: 4142

UniProt: [P04201](#)

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

Application Details

Application Notes: FCM 1:20-100
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months