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# anti-MAS1 antibody (AA 70-120) (AbBy Fluor® 594)



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Quantity:	100 μL
Target:	MAS1
Binding Specificity:	AA 70-120
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAS1 antibody is conjugated to AbBy Fluor® 594
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.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months