

Datasheet for ABIN759916
anti-MAS1 antibody (Cy5.5)



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Overview

Quantity:	100 µL
Target:	MAS1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAS1 antibody is conjugated to Cy5.5
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 Background: Receptor for angiotensin 1-7 (By similarity). Acts specifically as a functional

Target Details

	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