

Datasheet for ABIN2784456
anti-MAS1 antibody (Middle Region)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	MAS1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Guinea Pig, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human MAS1
Sequence:	VIIIFAILSF LVFTPLMLVS STILVVKIRK NTWASHSSKL YIVIMVTIII
Predicted Reactivity:	Cow: 93%, Dog: 86%, Guinea Pig: 86%, Human: 100%, Mouse: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against MAS1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MAS1
Alternative Name:	MAS1 (MAS1 Products)

Target Details

Background:	<p>The structure of MAS1 indicates that it belongs to the class of receptors that are coupled to GTP-binding proteins and share a conserved structural motif, which is described as a '7-transmembrane segment' following the prediction that these hydrophobic segments form membrane-spanning alpha-helices. The MAS1 protein may be a receptor that, when activated, modulates a critical component in a growth-regulating pathway to bring about oncogenic effects. The structure of the MAS1 product indicates that it belongs to the class of receptors that are coupled to GTP-binding proteins and share a conserved structural motif, which is described as a '7-transmembrane segment' following the prediction that these hydrophobic segments form membrane-spanning alpha-helices. The MAS1 protein may be a receptor that, when activated, modulates a critical component in a growth-regulating pathway to bring about oncogenic effects. The structure of the MAS1 product indicates that it belongs to the class of receptors that are coupled to GTP-binding proteins and share a conserved structural motif, which is described as a '7-transmembrane segment' following the prediction that these hydrophobic segments form membrane-spanning alpha-helices. The MAS1 protein may be a receptor that, when activated, modulates a critical component in a growth-regulating pathway to bring about oncogenic effects.</p> <p>Alias Symbols: MAS, MGC119966</p> <p>Protein Interaction Partner: SNTA1, AGT,</p> <p>Protein Size: 325</p>
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Molecular Weight:	37 kDa
Gene ID:	4142
NCBI Accession:	NM_002377 , NP_002368
UniProt:	P04201
Pathways:	ACE Inhibitor Pathway , Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 325 AA
Restrictions:	For Research Use only

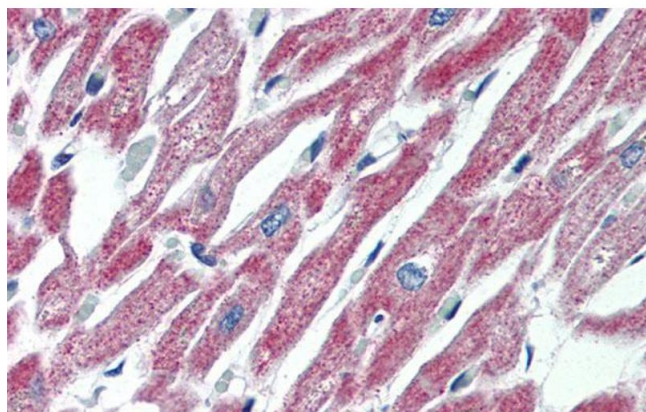
Handling

Format:	Liquid
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Handling

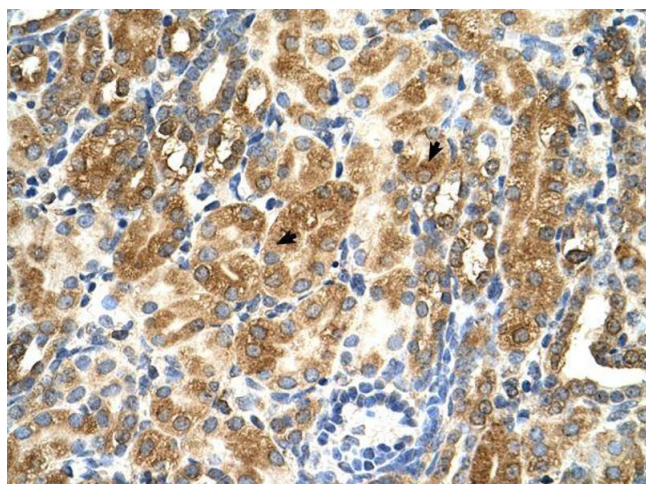
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



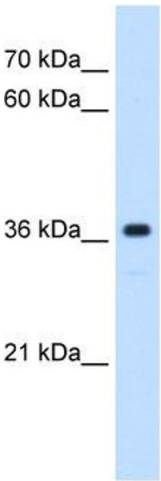
Immunohistochemistry

Image 1. Immunohistochemistry with Human Heart lysate tissue at an antibody concentration of 5.0 µg/ml using anti-MAS1 antibody



Immunohistochemistry

Image 2.



Western Blotting

Image 3. WB Suggested Anti-MAS1 Antibody Titration:
0.25ug/ml Positive Control: HepG2 cell lysate