Datasheet for ABIN6741611

anti-MAS1 antibody (AA 187-236)

3 Images

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Overview

Quantity:	100 µL
Target:	MAS1
Binding Specificity:	AA 187-236
Reactivity:	Human, Mouse, Rat, Hamster, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa187-236 of human MAS1 (P04201, NP_002368). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Monkey, Mouse, Rat, Hamster, Dolphin (100%), Bovine (92%), Panda, Opossum, Guinea pig (85%), Galago (84%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human MAS1
Predicted Reactivity:	Percent identity by BLAST analysis: Mouse (100%) Bovine (92%).
Purification:	Immunoaffinity purified

Target Details

Target:	MAS1
Alternative Name:	MAS1 / MAS (MAS1 Products)
Background:	Name/Gene ID: MAS1 Subfamily: Orphan-A Family: GPCR Synonyms: MAS1, Mas proto-oncogene, Proto-oncogene Mas, MAS, MAS1 oncogene
Gene ID:	4142
NCBI Accession:	NP_002368
UniProt:	P04201
Pathways:	ACE Inhibitor Pathway, Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	Approved: IHC, IHC-P (5 µg/mL), WB Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL. ELISA titer using peptide based assay: 1:312500. Western Blot: Suggested dilution at 0.25 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

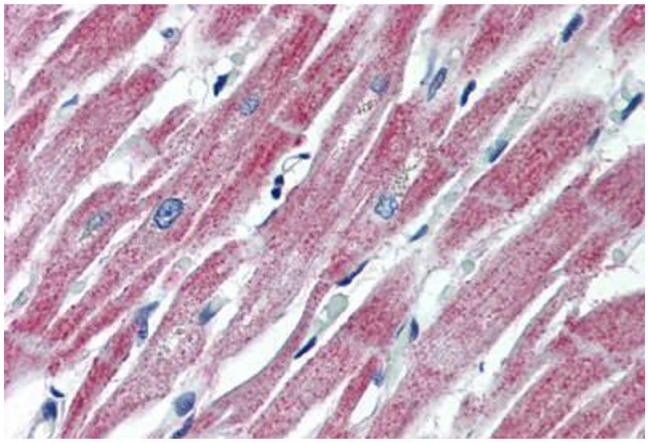
Handling

Format:	Lyophilized
Reconstitution:	Distilled Water.
Concentration:	Lot specific

Handling

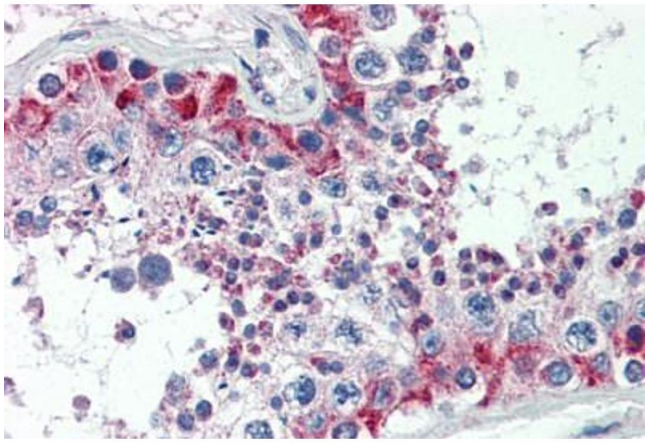
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



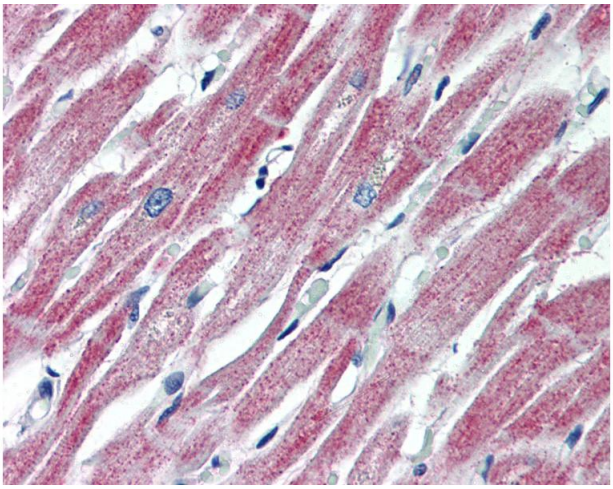
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Heart (formalin-fixed, paraffin-embedded) stained with MAS1 antibody ABIN462250 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Testis (formalin-fixed, paraffin-embedded) stained with MAS1 antibody ABIN462250 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 3. Anti-MAS1 antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other forms ...