Datasheet for ABIN3023070

anti-MAX antibody (AA 1-160)

3 Images

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Overview

Quantity:	100 µL
Target:	MAX
Binding Specificity:	AA 1-160
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAX antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-160 of human MAX (NP_002373.3).
Sequence:	MSDNDDIEVE SDEEQPRFQS AADKRAHHNA LERKRRDHIK DSFHSLRDSV PSLQGEKASR AQILDKATEY IQYMRRKNHT HQQDIDDLKR QNALLEQQVR ALEKARSSAQ LQTNYPSSDN SLYTNAKGST ISAFDGGSDS SSESEPEEPQ SRKKLRMEAS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	MAX

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Target Details

Alternative Name:	MAX (MAX Products)
Background:	The protein encoded by this gene is a member of the basic helix-loop-helix leucine zipper (bHLHZ) family of transcription factors. It is able to form homodimers and heterodimers with other family members, which include Mad, Mxi1 and Myc. Myc is an oncoprotein implicated in cell proliferation, differentiation and apoptosis. The homodimers and heterodimers compete for a common DNA target site (the E box) and rearrangement among these dimer forms provides a complex system of transcriptional regulation. Mutations of this gene have been reported to be associated with hereditary pheochromocytoma. A pseudogene of this gene is located on the long arm of chromosome 7. Alternative splicing results in multiple transcript variants.,MAX,bHLHd4,Epigenetics & Nuclear Signaling,Transcription Factors,Cancer,Tumor suppressors,Signal Transduction,MAPK-P38 Signaling Pathway,MAX
Molecular Weight:	9 kDa/11 kDa/12 kDa/15 kDa/17 kDa/18 kDa
Gene ID:	4149
UniProt:	P61244
Pathways:	Mitotic G1-G1/S Phases

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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 freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

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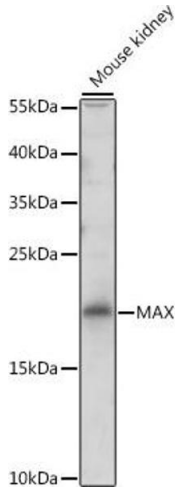
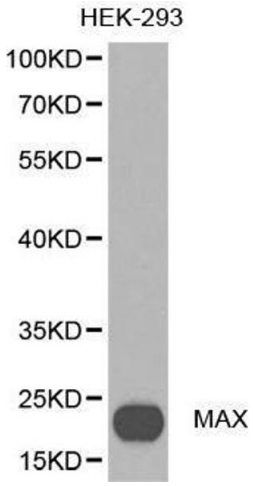


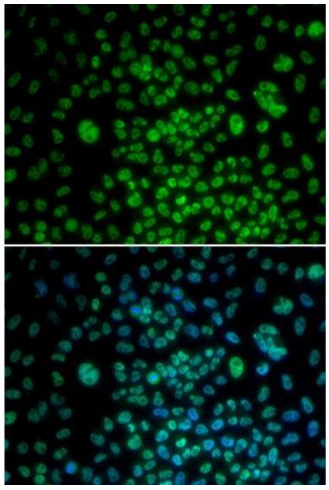
Western Blotting

Image 1. Western blot analysis of extracts of mouse kidney, using MAX antibody (ABIN3023069, ABIN3023070, ABIN3023071 and ABIN6219375) at 1:500 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 150s.



Western Blotting

Image 2. Western blot analysis of extracts of HEX-293 cell lines, using MAX antibody.



Immunofluorescence

Image 3. Immunofluorescence analysis of U20S cell using MAX antibody. Blue: DAPI for nuclear staining.

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