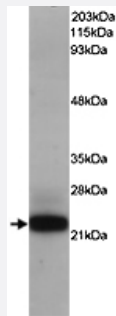


MAX polyclonal antibody

Catalog # PAB6023 Size 100 ug

Applications



Western Blot (Cell lysate)

MAX polyclonal antibody (Cat # PAB6023) staining (0.1 ug/mL) of Jurkat lysate (RIPA buffer, 1.4E+05 cells per lane). Primary incubated for 12 hour. Detected by western blot using chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of MAX.

Immunogen A synthetic peptide corresponding to human MAX.

Sequence C-EEPQSRKKLRMEAS

Host Goat

Theoretical MW (kDa) 18.3, 17.2

Reactivity Human, Mouse, Rat

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
 ELISA (1:32000)
 Western blot (0.1-0.3 ug/mL)
 The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — MAX

Entrez GeneID	4149
Protein Accession#	NP_002373
Gene Name	MAX
Gene Alias	MGC10775, MGC11225, MGC18164, MGC34679, MGC36767, bHLHd4, bHLHd5, bHLHd6, bHLHd7, bHLHd8, orf1
Gene Description	MYC associated factor X
Omim ID	154950
Gene Ontology	Hyperlink
Gene Summary	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. Multiple alternatively spliced transcript variants have been described for this gene but the full-length nature for some of them is unknown. [provided by RefSeq]
Other Designations	MAX protein helix-loop-helix zipper protein myc-associated factor X

Publication Reference

- [Max: a helix-loop-helix zipper protein that forms a sequence-specific DNA-binding complex with Myc.](#)

Blackwood EM, Eisenman RN.

Science 1991 Mar; 251(4998):1211.

Application: GSA, IP, Synthesized Proteins

Pathway

- [MAPK signaling pathway](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)