

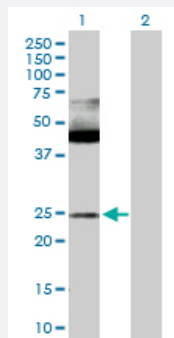
MaxPab®

MAX purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004149-D01P

Size 100 ug

Applications

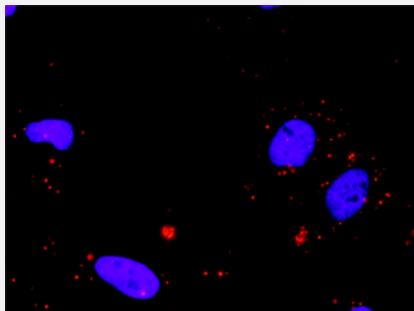


Western Blot (Transfected lysate)

Western Blot analysis of MAX expression in transfected 293T cell line ([H00004149-T02](#)) by MAX MaxPab polyclonal antibody.

Lane 1: MAX transfected lysate(17.20 KDa).

Lane 2: Non-transfected lysate.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between MAX and SMAD3. HeLa cells were stained with anti-MAX rabbit purified polyclonal 1:1200 and anti-SMAD3 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MAX protein.
Immunogen	MAX (NP_660087.1, 1 a.a. ~ 151 a.a) full-length human protein.
Sequence	MSDNDDIEVESDADKRAHHNALERKRRDHKDSFHSLRDSVPSLQGEKASRAQILDKATEYIQYM RRKNHTHQQDIDDLKRQNALLEQQVRALEKARSSAQLQTNYPSSDNSLYTNAKGSTISAFDGGSD SSSESEPEEPQSRKKLRMEAS
Host	Rabbit
Reactivity	Human

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

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Gene Info — MAX

Entrez GeneID	4149
GeneBank Accession#	NM_145112
Protein Accession#	NP_660087.1
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

- [Pattern recognition receptor mediated downregulation of microRNA-650 fine-tunes MxA expression in dendritic cells infected with Influenza A virus.](#)

Pichulik T, Khatamzas E, Liu X, Brain O, Delmiro Garcia M, Leslie A, Danis B, Mayer A, Baban D, Ragoussis J, Weber AN, Simmons A.

European Journal of Immunology 2016 Jan; 46(1):167.

Application: Flow Cyt, IF, WB-Tr, Human, MDDCs

Pathway

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