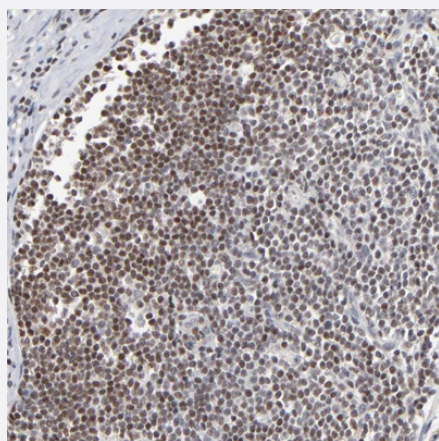


MAX polyclonal antibody

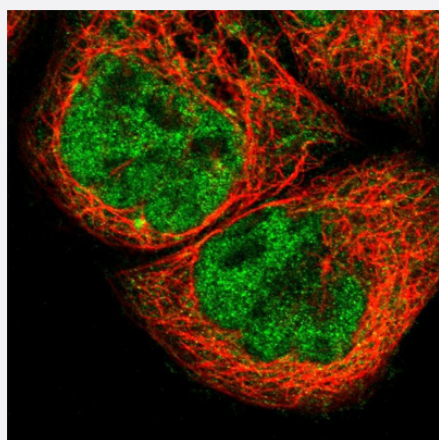
Catalog # PAB29412 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human appendix with MAX polyclonal antibody (Cat # PAB29412) shows nuclear positivity in lymphoid tissue at 1:50-1:200 dilution.



Immunofluorescence

Immunofluorescent staining of human cell line A-431 with MAX polyclonal antibody (Cat # PAB29412) at 1-4 ug/mL concentration shows positivity in cytoplasm and nucleus but excluded from the nucleoli.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant human MAX.
Immunogen	Recombinant protein corresponding to human MAX.
Sequence	MSDNDDIEVESDEEQPRFQSAADKRAHHNALERKRRDHKDSFHSRLRDSVPSLQGEKASRAQIL DKATEYIQYMRRKNHHTQQDIDDLKRQNALLEQQVRALEKARSSAQLQTNPSSD

Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage 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

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human appendix with MAX polyclonal antibody (Cat # PAB29412) shows nuclear positivity in lymphoid tissue at 1:50-1:200 dilution.

- Immunofluorescence

Immunofluorescent staining of human cell line A-431 with MAX polyclonal antibody (Cat # PAB29412) at 1-4 ug/mL concentration shows positivity in cytoplasm and nucleus but excluded from the nucleoli.

Gene Info — MAX

Entrez GeneID	4149
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

Pathway

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