

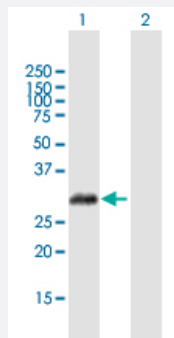
MaxPab®

HOXB1 MaxPab mouse polyclonal antibody (B01)

Catalog # H00003211-B01

Size 50 uL

Applications

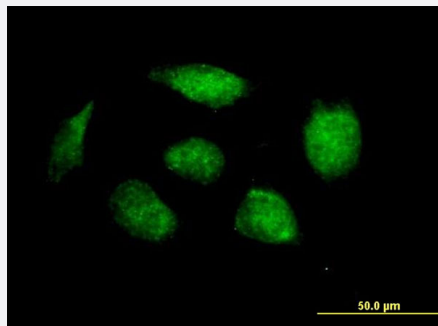


Western Blot (Transfected lysate)

Western Blot analysis of HOXB1 expression in transfected 293T cell line ([H00003211-T01](#)) by HOXB1 MaxPab polyclonal antibody.

Lane 1: HOXB1 transfected lysate(25.85 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to HOXB1 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human HOXB1 protein.

Immunogen

HOXB1 (AAH96192.1, 1 a.a. ~ 235 a.a) full-length human protein.

Sequence

MDYNRMNSFLEYPLCNRGPSAYSASHSAHSAPTSFPPSSAQAVDSYASEGRYGGGLSSPAFQQN
SGYPAQQPPSTLGVPFPSSAPSGYAPAAACSPSYGPSQYYPLGHSEGDGGYFHPSSYGAQLGGL
SDGYGAGGAGPGPYPPQHPPYGNEQTASFAPAYADLLSEDKETPCPSEPNTPTARTFDWMKVK
RNPPKTGRAQMWPPLLRGPKHLCFPCSDMSWWAGFFSFSGSGRHR

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (79); Rat (80)
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Quality Control Testing	Antibody reactive against mammalian transfected lysate.
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Storage Buffer	No additive
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Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
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Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.
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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to HOXB1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — HOXB1

Entrez GeneID	3211
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GeneBank Accession#	BC096192.1
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Protein Accession#	AAH96192.1
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Gene Name	HOXB1
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Gene Alias	HOX2, HOX2I, Hox-2.9, MGC116843, MGC116844, MGC116845
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Gene Description	homeobox B1
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Omim ID	142968
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Gene Ontology	Hyperlink
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Gene Summary

This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXB genes located in a cluster on chromosome 17. [provided by RefSeq]

Other Designations

homeobox 2||homeobox B1|homeobox protein Hox-B1