

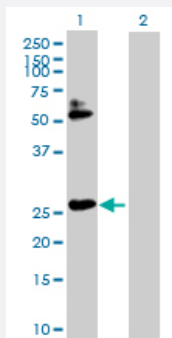
MaxPab®

HOXB7 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003217-D01P

Size 100 ug

Applications

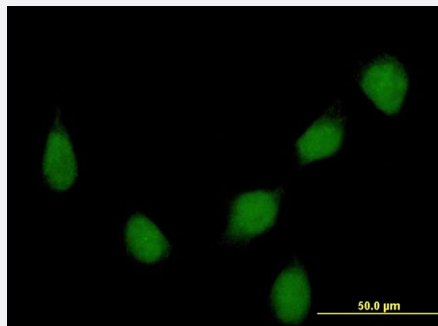


Western Blot (Transfected lysate)

Western Blot analysis of HOXB7 expression in transfected 293T cell line ([H00003217-T01](#)) by HOXB7 MaxPab polyclonal antibody.

Lane 1: HOXB7 transfected lysate(24.00 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab rabbit antibody to HOXB7 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human HOXB7 protein.
Immunogen	HOXB7 (AAH15345.1, 1 a.a. ~ 217 a.a) full-length human protein.
Sequence	MSSLYANALFSKYPASSSVFATGAFPEQTSCAFASNPQRPGYGAGSGASFAASMQGLYPGGG GMAGQSAAGVYAAGYGLEPSSFNMHCAPFEQNLSGVCPGDSAKAAGAKEQRDSDLAAESNFRI YPWMRSSGTDRKRGRQTYTRYQTLELEKEFHYNRYLTRRRRIEIAHTLCLTERQIKWQFNRRMKW KKENKTAGPGTTGQDRAEAEAEAEAE
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](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab rabbit antibody to HOXB7 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — HOXB7

Entrez GeneID	3217
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GeneBank Accession#	BC015345.1
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Protein Accession#	AAH15345.1
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Gene Name	HOXB7
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Gene Alias	HHO.C1, HOX2, HOX2C, Hox-2.3
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Gene Description	homeobox B7
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Omim ID	142962
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Gene Ontology	Hyperlink
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Gene Summary	This gene is a member of the Antp homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is associated with some cases of melanoma and ovarian carcinoma. [provided by RefSeq]
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Other Designations	homeo box 2C homeo box B7 homeo box c1 protein
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Publication Reference

- [Microfragmented adipose tissue is associated with improved ex vivo performance linked to HOXB7 and b-FGF expression.](#)

Giulia Casari, Elisa Resca, Andrea Giorgini, Olivia Candini, Tiziana Petrachi, Maria Serena Piccinno, Elisabetta Manuela Foppiani, Lucrezia Pacchioni, Marta Starnoni, Massimo Pinelli, Giorgio De Santis, Filippo Selleri, Fabio Catani, Massimo Dominici, Elena Veronesi.

Stem Cell Research & Therapy 2021 Aug; 12(1):481.

Application: IHC-P, Human, Human adipose tissue-derived mesenchymal stromal/stem cells, Human microfragmented adipose tissue

- [MicroRNA miR-196a is a central regulator of HOX-B7 and BMP4 expression in malignant melanoma.](#)

Braig S, Mueller DW, Rothhammer T, Bosserhoff AK.

Cellular and Molecular Life Sciences 2010 Oct; 67(20):3535.

Application: IF, Human, Mel Im cells, NHEMs

Disease

- [Hirschsprung Disease](#)