

**Mouse Hoxb1 Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21185b**

## Specification

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### Mouse Hoxb1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	<a href="#">P17919</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	31672

### Mouse Hoxb1 Antibody (C-term) - Additional Information

**Gene ID** 15407

#### Other Names

Homeobox protein Hox-B1, Homeobox protein Hox-29, Hoxb1, Hox-29, Hoxb-1

#### Target/Specificity

This Mouse Hoxb1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 182-315 amino acids from the C-terminal region of Mouse Hoxb1.

#### Dilution

WB~~1:1000

#### Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

Mouse Hoxb1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

### Mouse Hoxb1 Antibody (C-term) - Protein Information

**Name** Hoxb1

**Synonyms** Hox-2.9, Hoxb-1

**Function** Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. Acts on

the anterior body structures.

### Cellular Location

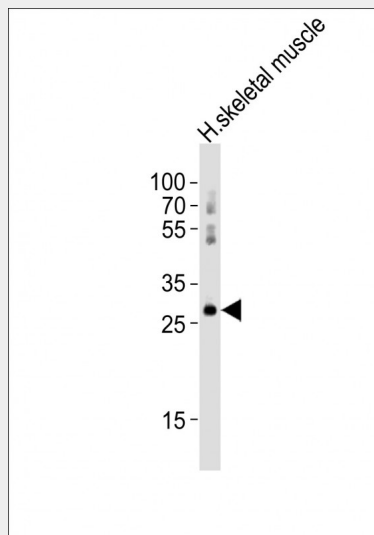
Nucleus.

### Mouse Hoxb1 Antibody (C-term) - Protocols

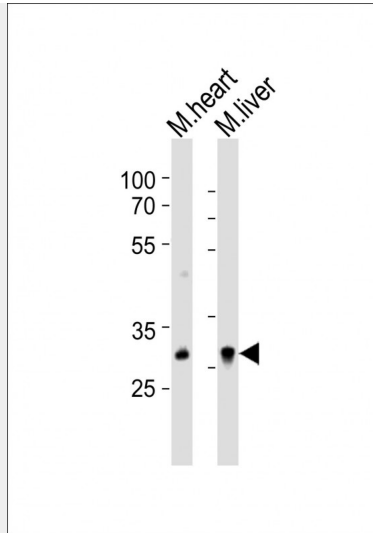
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Mouse Hoxb1 Antibody (C-term) - Images



Anti-Hoxb1 Antibody (C-term) at 1:2000 dilution + human skeletal muscle lysates  
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated  
at 1/10000 dilution Predicted band size : 32 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes : Anti-Hoxb1 Antibody (C-term) at 1:1000 dilution Lane 1: mouse heart lysates Lane 2: mouse liver lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 32 kDa Blocking/Dilution buffer: 5% NFD/MTBST.

#### **Mouse Hoxb1 Antibody (C-term) - Background**

Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. Acts on the anterior body structures.

#### **Mouse Hoxb1 Antibody (C-term) - References**

Frohman M.A., et al. *Development* 110:589-607(1990).  
Murphy P., et al. *Development* 111:61-74(1991).  
Carninci P., et al. *Science* 309:1559-1563(2005).  
Rubock M.J., et al. *Proc. Natl. Acad. Sci. U.S.A.* 87:4751-4755(1990).