

**Mouse Hoxa4 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP14774a**

**Specification**

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**Mouse Hoxa4 Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P06798</a>
Other Accession	<a href="#">NP_032291.1</a>
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	30468
Antigen Region	51-79

**Mouse Hoxa4 Antibody (N-term) - Additional Information**

**Gene ID** 15401

**Other Names**

Homeobox protein Hox-A4, Homeobox protein Hox-14, Homeobox protein MH-3, Hoxa4, Hox-14, Hoxa-4

**Target/Specificity**

This Mouse Hoxa4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 51-79 amino acids from the N-terminal region of mouse Hoxa4.

**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 Hoxa4 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**Mouse Hoxa4 Antibody (N-term) - Protein Information**

**Name** Hoxa4

**Synonyms** Hox-1.4, Hoxa-4

**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. Binds to sites in the 5'-flanking sequence of its coding region with various affinities. The consensus sequences of the high and low affinity binding sites are 5'-TAATGA[CG]-3' and 5'-CTAATTTT-3'.

#### **Cellular Location**

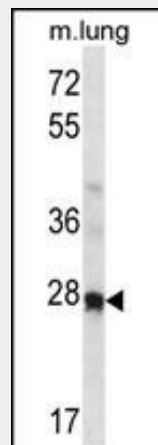
Nucleus.

#### **Mouse Hoxa4 Antibody (N-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 Hoxa4 Antibody (N-term) - Images**



Mouse Hoxa4 Antibody (N-term) (Cat. #AP14774a) western blot analysis in mouse lung tissue lysates (35ug/lane). This demonstrates the Hoxa4 antibody detected the Hoxa4 protein (arrow).

#### **Mouse Hoxa4 Antibody (N-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. Binds to sites in the 5'-flanking sequence of its coding region with various affinities. The consensus sequences of the high and low affinity binding sites are 5'-TAATGA[CG]-3' and 5'-CTAATTTT-3'.

#### **Mouse Hoxa4 Antibody (N-term) - References**

Kang, X., et al. Mol. Cell 38(2):191-201(2010)  
Fisher, C.L., et al. Dev. Biol. 337(1):9-15(2010)  
Yoshimura, T., et al. Dev. Biol. 335(1):216-227(2009)  
Voss, A.K., et al. Dev. Cell 17(5):674-686(2009)  
Matsuyama, M., et al. PLoS Genet. 5 (3), E1000427 (2009) :