

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

Specification

Mouse Hoxa4 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	P06798
Other Accession	NP_032291.1
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

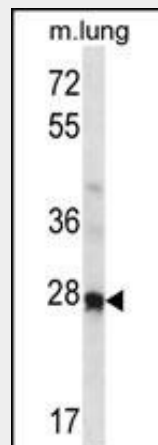
Nucleus.

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) :