

Mouse Hoxa9 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18401c

Specification

Mouse Hoxa9 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	P09631
Other Accession	P31269 , NP_034586.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	29917
Antigen Region	160-189

Mouse Hoxa9 Antibody (Center) - Additional Information

Gene ID 15405

Other Names

Homeobox protein Hox-A9, Homeobox protein Hox-17, Hoxa9, Hox-17, Hoxa-9

Target/Specificity

This Mouse Hoxa9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 160-189 amino acids from the Central region of mouse Hoxa9.

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 Hoxa9 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse Hoxa9 Antibody (Center) - Protein Information

Name Hoxa9

Synonyms Hox-1.7, Hoxa-9

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. Required for induction of SELE/E-selectin and VCAM1 on the endothelial cell surface at sites of inflammation (By similarity). Positively regulates EIF4E- mediated mRNA nuclear export and also increases the translation efficiency of ODC mRNA in the cytoplasm by competing with factors which repress EIF4E activity such as PRH (PubMed:[15657436](#)).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:P31269}. Cytoplasm {ECO:0000250|UniProtKB:P31269}

Tissue Location

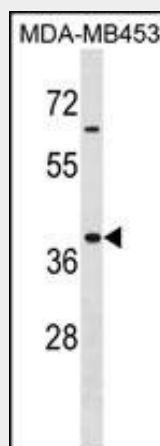
Expressed in high level in the embryonic and adult spinal cord with a preference in the posterior region

Mouse Hoxa9 Antibody (Center) - 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 Hoxa9 Antibody (Center) - Images



Mouse Hoxa9 Antibody (Center) (Cat. #AP18401c) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the Mouse Hoxa9 Antibody detected the Mouse Hoxa9 protein (arrow).

Mouse Hoxa9 Antibody (Center) - 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.

Mouse Hoxa9 Antibody (Center) - References

Milne, T.A., et al. Mol. Cell 38(6):853-863(2010)
Ono, R., et al. Leukemia 23(12):2197-2209(2009)
Hu, Y.L., et al. Mol. Cell. Biol. 29(18):5181-5192(2009)
Novotny, E., et al. Mech. Dev. 126(7):517-522(2009)
Horman, S.R., et al. Blood 113(22):5466-5475(2009)