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Mouse Hoxa9 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP18401c

Specification

Mouse Hoxa9 Antibody (Center) Blocking Peptide - Product Information

Primary Accession P09631

Mouse Hoxa9 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 15405

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

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Mouse Hoxa9 Antibody (Center) Blocking Peptide - 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

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Mouse Hoxa9 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

Mouse Hoxa9 Antibody (Center) Blocking Peptide - Images

Mouse Hoxa9 Antibody (Center) Blocking Peptide - 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) Blocking Peptide - 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)