

HOXA9 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9121b**Specification**

HOXA9 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P31269](#)**HOXA9 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 3205**Other Names**

Homeobox protein Hox-A9, Homeobox protein Hox-1G, HOXA9, HOX1G

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP9121b](/products/AP9121b) was selected from the C-term region of human HOXA9. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

HOXA9 Antibody (C-term) Blocking Peptide - Protein Information**Name** HOXA9**Synonyms** HOX1G**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 cells surface at sites of inflammation (PubMed: [22269951](http://www.uniprot.org/citations/22269951)). 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 (By similarity).

Cellular Location

Nucleus. Cytoplasm

HOXA9 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

HOXA9 Antibody (C-term) Blocking Peptide - Images

HOXA9 Antibody (C-term) Blocking Peptide - Background

HOXA9 is the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development.

HOXA9 Antibody (C-term) Blocking Peptide - References

Scott, M.P. Cell 71 (4), 551-553 (1992)