

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

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**HOXA9 Antibody (C-term) Blocking Peptide - Product Information**Primary 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)