

**HOXA9 Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP9121B****Specification**

---

**HOXA9 Antibody (C-term) - Product Information**

Application	WB, FC,E
Primary Accession	<a href="#">P31269</a>
Other Accession	<a href="#">P09631</a> , <a href="#">Q98924</a>
Reactivity	Human
Predicted	Chicken, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	30172
Antigen Region	245-272

**HOXA9 Antibody (C-term) - Additional Information****Gene ID** 3205**Other Names**

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

**Target/Specificity**

This HOXA9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 245-272 amino acids from the C-terminal region of human HOXA9.

**Dilution**

WB~~1:1000

FC~~1:10~50

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

**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**

HOXA9 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**HOXA9 Antibody (C-term) - 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](#)). 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

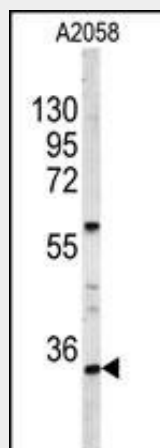
Nucleus. Cytoplasm

## HOXA9 Antibody (C-term) - Protocols

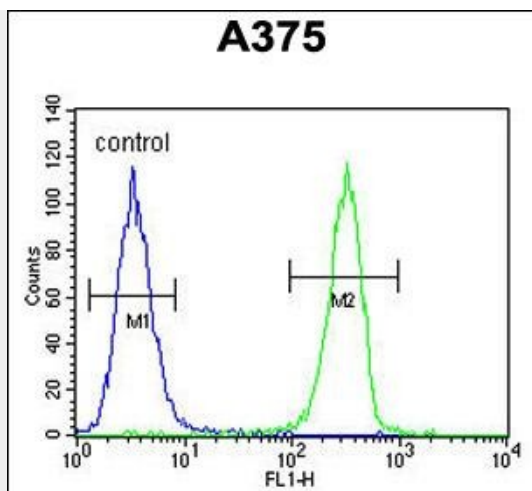
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## HOXA9 Antibody (C-term) - Images



Western blot analysis of HOXA9 Antibody (C-term) (Cat. #AP9121b) in A2058 cell line lysates (35ug/lane). HOXA9 (arrow) was detected using the purified Pab.



HOXA9 Antibody (C-term) (Cat. #AP9121b) flow cytometric analysis of A375 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **HOXA9 Antibody (C-term) - 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) - References**

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