

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

HOXA9 Antibody (C-term) - Product Information

Application	FC, WB,E
Primary Accession	P31269
Other Accession	P09631 , Q98924
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

FC~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

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

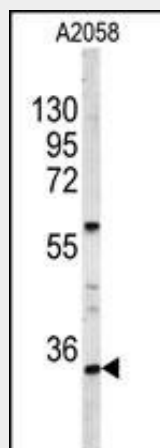
Nucleus. Cytoplasm

HOXA9 Antibody (C-term) - Protocols

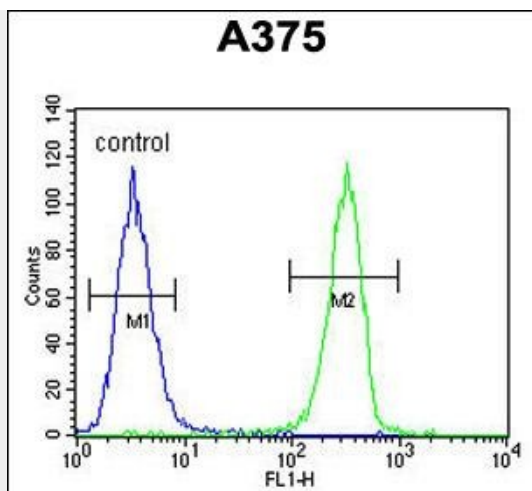
Provided below are standard protocols that you may find useful for product applications.

- [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)