

Rabbit HOXA9 Polyclonal Antibody | anti-HOXA9 antibody

HOXA9 Antibody (C-term)

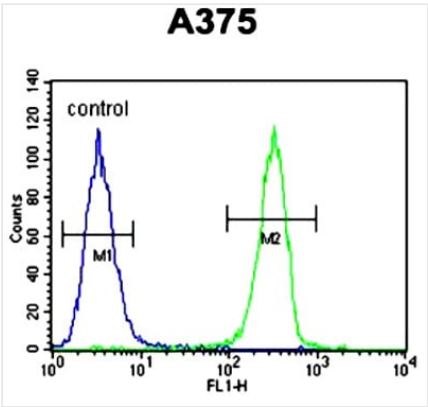
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288692	Rabbit	Human (Predicted Reactivity: Chicken, Mouse)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

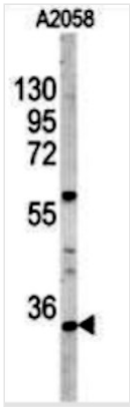
HOXA9; Polyclonal Antibody; HOXA9 Antibody (C-term); Homeobox protein Hox-A9; Homeobox protein Hox-1G; HOX1G; anti-HOXA9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Chicken, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Sequence Positions	245-272
Sequence Length	272
Applicable Applications for anti-HOXA9 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
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 E-selectin and VCAM-1, on the endothelial cells surface at sites of inflammation.
Cellular Location	Nucleus.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
HOXA9 Antibody (C-term) 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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-HOXA9 antibody	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.
Product Categories/Family for anti-HOXA9 antibody	Signal Transduction
References	Scott,M.P. Cell 71 (4), 551-553 (1992)

NCBI AND UNIPROT INFORMATION

NCBI GI #	23097236
NCBI GeneID	3205
NCBI Accession #	NP_689952.1
NCBI GenBank Nucleotide #	NM_152739.3
UniProt Accession #	P31269; O43369; O43429; Q99820
Molecular Weight	30172
NCBI Official Full Name	homeobox protein Hox-A9
NCBI Official Synonym Full Names	homeobox A9
NCBI Official Symbol	HOXA9
NCBI Official Synonym Symbols	HOX1; ABD-B; HOX1G; HOX1.7
NCBI Protein Information	homeobox protein Hox-A9
UniProt Protein Name	Homeobox protein Hox-A9
UniProt Gene Name	HOXA9
UniProt Synonym Gene Names	HOX1G
UniProt Entry Name	HXA9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

