

Rabbit anti-Human HOXA9 Monoclonal Antibody | anti-HOXA9 antibody

HOXA9 Rabbit mAb

CATALOG # AAA282712	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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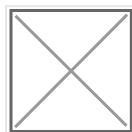
PRODUCT SYNONYMS

HOXA9; Monoclonal Antibody; HOXA9 Rabbit mAb; HOX1; ABD-B; HOX1G; HOX1.7; anti-HOXA9 antibody

PRODUCT SPECIFICATIONS

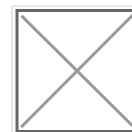
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	GAFSENNAEN ESGGDKPPID PNNPAANWLH ARSTRKKRCP YTKHQ TLELE KEFLFNMYLT RDRRYEVARL LNLTERQVKI WFQNRRMKMK KINKDRAKDE
Applicable Applications for anti-HOXA9 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 173-272 of human HOXA9 (P31269).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human placenta using HOXA9 Rabbit mAb (AAA282712) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of various lysates using HOXA9 Rabbit mAb (AAA282712) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-HOXA9 antibody

In vertebrates, the genes encoding 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. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. This gene is highly similar to the abdominal-B (Abd-B) gene of Drosophila. A specific translocation event which causes a fusion between this gene and the NUP98 gene has been associated with myeloid leukemogenesis. Read-through transcription exists between this gene and the upstream homeobox A10 (HOXA10) gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6166219
NCBI GeneID	3205
UniProt Accession #	P31269; O43369; O43429; Q99820
Molecular Weight	Calculated MW: 30kDa Observed MW: 30kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hoxa9-antibody-immunohistochemistry-western-blot-elisa/282712>