

Rabbit Homeobox protein Hox-A9 Polyclonal Antibody | anti-HOXA9 antibody

Anti-HOXA9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46074	Rabbit	Human, Rat. No cross reactivity with other proteins.	Western Blot

PRODUCT SYNONYMS

Homeobox protein Hox-A9; Polyclonal Antibody; Anti-HOXA9 Antibody; ABD-B antibody; Abd-B; drosophila; homolog of antibody; D6a9 antibody; Homeobox 1G antibody; Homeobox A9 antibody; Homeobox protein Hox-1.7 antibody; Homeobox protein Hox-1G antibody; Homeobox protein Hox-A9 antibody; Homeodomain protein HOXA9 antibody; Hox-1.7 antibody; Hox-1.7; mouse; HOX1 antibody; Hox1.7 antibody; Hox1G antibody; Hox1r5 antibody; Hoxa-9 antibody; Hoxa7 antibody; HOXA9 antibody; HOXA9/MSI2 fusion gene; included antibody; HOXA9/NUP98 fusion gene; HXA9_HUMAN antibody; MGC1934 antibody; homeobox A9; anti-HOXA9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	272
Applicable Applications for anti-HOXA9 antibody	WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human HOXA9 recombinant protein (Position: M1-R204). Human HOXA9 shares 98% amino acid (aa) sequence identity with mouse HOXA9.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Anti- HOXA9 antibody, AAA46074, Western blottingAll lanes: Anti HOXA9 (AAA46074) at 0.5ug/mlLane 1: Rat Testis Tissue Lysate at 50ugLane 2: HEPG2 Whole Cell Lysate at 40ugLane 3: HEPA Whole Cell Lysate at 40ugPredicted bind size: 30KD
Observed bind size: 30KD



WB (Western Blot)

Anti- HOXA9 antibody, AAA46074, Western blottingAll lanes: Anti HOXA9 (AAA46074) at 0.5ug/mlWB: Recombinant Human HOXA9 Protein 0.5ngPredicted bind size: 38KD
Observed bind size: 38KD

ADDITIONAL INFORMATION

Related Product Information for anti-HOXA9 antibody	Description: Rabbit IgG polyclonal antibody for Homeobox protein Hox-A9(HOXA9) detection. Tested with WB in Human;Rat. Background: Homeobox protein Hox-A9 is a protein that in humans is encoded by the HOXA9 gene. It is mapped to 7p15.2. 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. HOXA9 is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. As HOXA9 is part of the homeobox family, involved in setting the body plans of animals, it is likely that HOXA9 would display increased expression in cells with higher differentiation potentials.
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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	30,172 Da
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; homeobox protein Hox-1G; homeodomain protein HOXA9
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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