

Rabbit HOXA9 Polyclonal Antibody | anti-HOXA9 antibody

HOXA9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326451	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

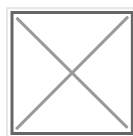
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

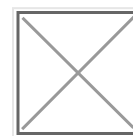
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	272
Applicable Applications for anti-HOXA9 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HOXA9, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



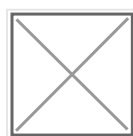
IF (Immunofluorescence)

AAA326451 staining HepG2 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA326451) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue).



IHC (Immunohistochemistry)

AAA326451 at 1/100 staining Human gastric tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts of SW620, using HOXA9 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-HOXA9 antibody	Description: 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.
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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 kDa
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

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/polyclonal/hoxa9-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/326451>