



Datasheet for ABIN7267764  
**anti-HOXA9 antibody**



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2 Images

Overview

Quantity:	100 µL
Target:	HOXA9
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This HOXA9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	HOXA9 Rabbit mAb
Immunogen:	Recombinant protein of human HOXA9.
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	HOXA9
Alternative Name:	HOXA9 ( <a href="#">HOXA9 Products</a> )
Background:	In vertebrates, the genes encoding the class of transcription factors called homeobox genes

## Target Details

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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.,HOXA9, ABD-B, HOX1, HOX1.7, HOX1G, homeobox A9,Epigenetics & Nuclear Signaling,Transcription Factors,Stem Cells,Endothelial Progenitors,HOXA9

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Molecular Weight: 35kDa

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Gene ID: 3205

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UniProt: [P31269](#)

## Application Details

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Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

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Preservative: Sodium azide

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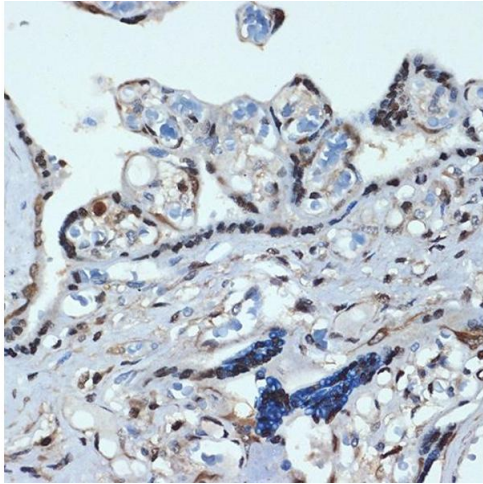
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

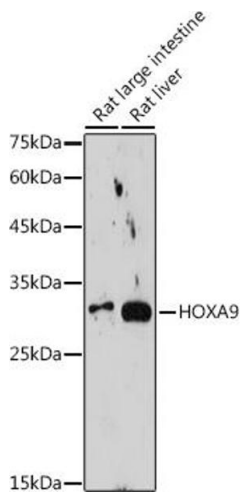
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Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human placenta using HOX Rabbit mAb (ABIN7267764) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using HOX antibody (ABIN7267764) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.