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Datasheet for ABIN1680332
anti-HOXA9 antibody (AA 1-190)

2 Images

Overview

Quantity:	100 µg
Target:	HOXA9
Binding Specificity:	AA 1-190
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXA9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-190 of human HOXA9 (NP_689952.1).
Sequence:	MATTGALGNY YVDSFLLGAD AADEL SVGRY APGTLGQPPR QAATLAEHPD FSPCSFQSKA TVFGASWNPV HAAGANAVPA AVYHHHHHHP YVHPQAPVAA AAPDGRYMRS WLEPTPGALS FAGLPSSRPY GIKPEPLSAR RGDCPTLDTH TSLTDYACG SPPVDREKQP SEGAFSENNA ENESGGDKPP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

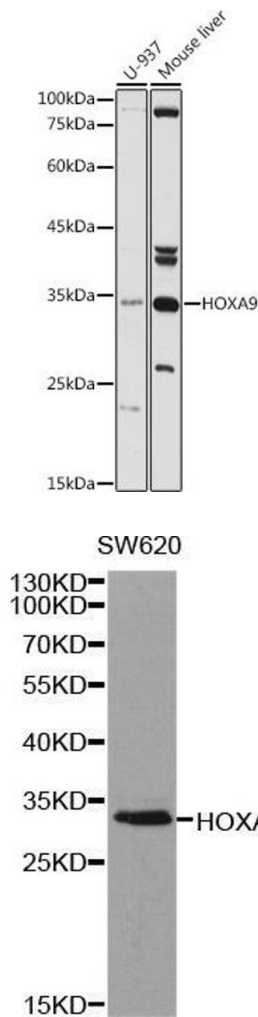
Target:	HOXA9
Alternative Name:	HOXA9 (HOXA9 Products)
Background:	<p>In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated 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.</p> <p>Read-through transcription exists between this gene and the upstream homeobox A10 (HOXA10) gene.,HOXA9,ABD-B,HOX1,HOX1.7,HOX1G,Epigenetics & Nuclear Signaling,Transcription Factors,Stem Cells,Endothelial Progenitors,HOXA9</p>
Molecular Weight:	30 kDa
Gene ID:	3205
UniProt:	P31269

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using HOX antibody (ABIN3015695, ABIN3015696, ABIN1680332 and ABIN6219047) at 1:500 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: 10s.

Western Blotting

Image 2. Western blot analysis of extracts of SW620 cell line, using HOXA9 antibody.