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Datasheet for ABIN3028722

## anti-HOXA9 antibody (AA 245-272)

3 Images

1 Publication

### Overview

Quantity:	0.4 mL
Target:	HOXA9
Binding Specificity:	AA 245-272
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXA9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

### Product Details

Immunogen:	A portion of amino acids 245-272 from the human protein was used as the immunogen for this HOXA9 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Chicken
Purification:	Purified

### Target Details

Target:	HOXA9
Alternative Name:	HOXA9 ( <a href="#">HOXA9 Products</a> )
Background:	HOXA9 is the class of transcription factors called homeobox genes are found in clusters named

## Target Details

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A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development.

UniProt: [P31269](#)

## Application Details

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Application Notes: Titration of the HOXA9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,Flow Cytometry: 1:10-1:50

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

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

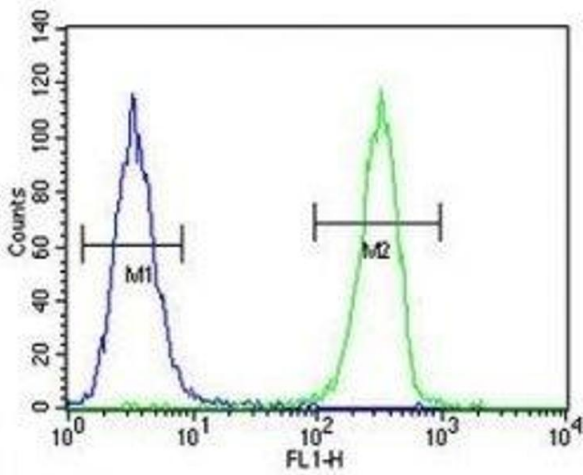
Storage: -20 °C

Storage Comment: Aliquot the HOXA9 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

## Publications

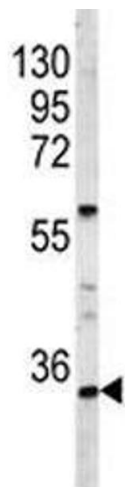
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Product cited in: Heshmati, Kharazi, Türköz, Chang, Kamali Dolatabadi, Boström, Krstic, Boukoura, Wagner, Kadri, Månsson, Altun, Qian, Walfridsson: "The histone chaperone NAP1L3 is required for haematopoietic stem cell maintenance and differentiation." in: **Scientific reports**, Vol. 8, Issue 1, pp. 11202, (2019) ([PubMed](#)).



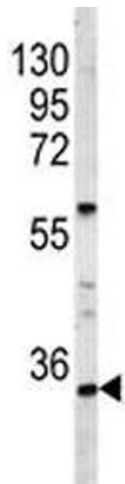
### Flow Cytometry

**Image 1.** HOXA9 antibody flow cytometric analysis of A375 cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



### Western Blotting

**Image 2.** Western blot analysis of HOXA9 antibody and A2058 lysate. Predicted molecular weight ~30 kDa.



### Western Blotting

**Image 3.** Western blot analysis of HOXA9 antibody and A2058 lysate. Predicted molecular weight ~30 kDa.