

Datasheet for ABIN6972172
anti-HOXA9 antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	HOXA9
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This HOXA9 antibody was raised against a peptide within the N-terminal region of human HOXA9.
Isotype:	IgG
Characteristics:	HOXA9 (Homeobox protein A9, HOX1G) is a sequence-specific DNA binding transcription factor with a central role in both hematopoiesis and leukemia. HOXA9 is required for normal hematopoiesis and contributes to myeloid blood cell differentiation. High levels of HOXA9 expression in hematopoietic cells is a characteristic feature of acute myeloid leukemia (AML), and may contribute to the development of this disease. Overexpression of HOXA9 markedly expands hematopoietic stem cells. HOXA9 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Western blot, it has been shown to react with Human samples.
Purification:	Affinity Purified

Target Details

Target:	HOXA9
Alternative Name:	HOXA9 (HOXA9 Products)
Molecular Weight:	48 kDa
NCBI Accession:	NP_689952

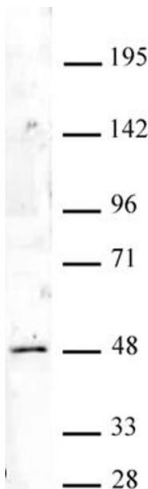
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	Purified IgG in 70 mM Tris (pH 8), 105 mM NaCl, 31 mM glycine, 0.07 mM EDTA, 30 % glycerol and 0.035 % 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:	Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.

Images



Western Blotting

Image 1. HOXA9 antibody (pAb) tested by Western blot. K-562 nuclear extract (20 µg per lane) probed with HOXA9 antibody at a dilution of 1:1,000.