

Datasheet for ABIN5027256
anti-HOXA9 antibody (AA 63-272)



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Overview

Quantity:	100 µg
Target:	HOXA9
Binding Specificity:	AA 63-272
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	A partial length recombinant HOXA9 protein (amino acids 63-272) was used as the immunogen for this antibody.
Isotype:	IgG
Purification:	Protein A Chromatography

Target Details

Target:	HOXA9
Alternative Name:	HOXA9 (HOXA9 Products)
Background:	HOXA9 is a well-studied member of the HOXA cluster, and it plays a significant role in both normal hematopoiesis and leukemogenesis. HOXA9 is expressed in EC (Endothelial Cells) and its expression is rapidly downregulated during EC activation by inflammatory signals like TNF-alpha (Tumor Necrosis Factor-Alpha) and LPS (lipopolysaccharide) . In humans,HOXA9 was

Target Details

	found to be highly expressed and required in some subtypes of leukemia, particularly mixed lineage leukemia (MLL)-rearranged leukemia. The aberrant overexpression of HOXA9 is thought to be associated with poor survival of acute myeloid leukemia (AML) patients.
Molecular Weight:	30 kDa
Gene ID:	3205
UniProt:	P31269

Application Details

Application Notes:	WB: 1-2 µg/mL
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	PBS containing 0.05 % BSA, PH 7.4
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:	4 °C/-20 °C
Storage Comment:	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

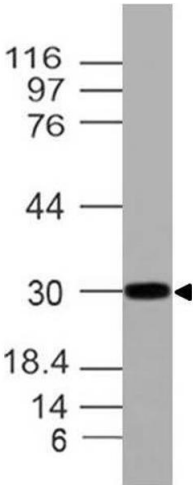


Image 1.