

## 11-12020: Polyclonal Antibody to HOXA9

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	HOXA9
<b>Gene ID :</b>	3205
<b>Uniprot ID :</b>	P31269
<b>Format :</b>	Purified
<b>Alternative Name :</b>	HOXA9,HOX1G
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	A partial length recombinant HOXA9 protein (amino acids 63-272) was used as the immunogen for this antibody.

### Description

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 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.

### Product Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein A Chromatography
<b>Content :</b>	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Western blot analysis: 1-2 µg/ml

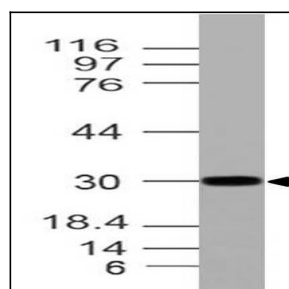


Fig-1: Expression analysis of HOXA9. Anti-HOXA9 antibody (11-12020) was used at 1 µg/ml on h Liver lysate.