

11-12020: Polyclonal Antibody to HOXA9

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	HOXA9
Gene ID :	3205
Uniprot ID :	P31269
Format :	Purified
Alternative Name :	HOXA9,HOX1G
Isotype :	Rabbit IgG
Immunogen Information :	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

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	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.
Storage condition :	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

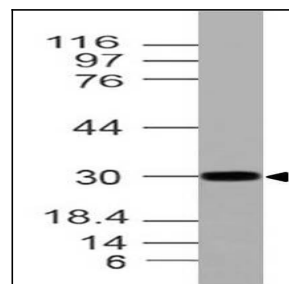


Fig-1: Expression analysis of HOXA9. Anti-HOXA9 antibody (11-12020) was used at 1 µg/ml on h Liver lysate.