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11-12020: Polyclonal Antibody to HOXA9

Clonality: Polyclonal Application: WB Reactivity: Human Gene: HOXA9 Gene ID: 3205 **Uniprot ID:** P31269

Alternative Name: HOXA9,HOX1G Isotype: Rabbit IgG

A partial length recombinant HOXA9 protein (amino acids 63-272) was used as the immunogen for Immunogen Information:

this antibody.

Purified

Description

Format:

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

 $25 \mu g / 100 \mu g$ Amount:

Purification: Protein A Chromatography

25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium Content:

azide is highly toxic.

Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid Storage condition:

repeated freeze and thaw cycles.

Application Note

Western blot analysis: 1-2 µg/ml

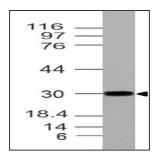


Fig-1: Expression analysis of HOXA9. Anti-HOXA9 antibody (11-12020) was used at 1 µg/ml on h Liver lysate.