

For Research Use Only

# HOXA9 Polyclonal antibody, PBS Only

Catalog Number:29978-1-PBS



## Basic Information

<b>Catalog Number:</b> 29978-1-PBS	<b>GenBank Accession Number:</b> BC010023	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3205	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P31269	
<b>Isotype:</b> IgG	<b>Full Name:</b> homeobox A9	
<b>Immunogen Catalog Number:</b> AG32309	<b>Calculated MW:</b> 30 kDa	
	<b>Observed MW:</b> 36 kDa	

## Applications

**Tested Applications:**  
IP, Indirect ELISA

**Species Specificity:**  
human

## Background Information

Homeobox protein Hox-A9 (HOXA9) also known as HOX1G, a member of HOX family belonging to the HOXA cluster, is often studied in acute myeloid leukemia (AML), which is linked to proliferation, differentiation, and progenitor self-renewal maintenance. It is located in nucleoplasm and functions as a critical regulator of hematopoiesis, essential for the maintenance of hematopoietic stem cells and their differentiation into myeloid lineages (PMID: 34743404). Many post-transcriptional events including microRNAs, long non-coding RNAs, and epigenetic modification could also determine HOXA9 protein level and function (PMID: 36376832).

## Storage

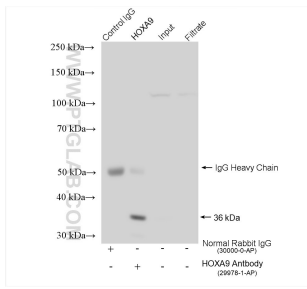
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



IP result of anti-HOXA9 (IP:29978-1-AP, 4ug; Detection:29978-1-AP 1:800) with HEK-293 cells lysate 1480 ug. This data was developed using the same antibody clone with 29978-1-PBS in a different storage buffer formulation.