

For Research Use Only

HOXA9 Polyclonal antibody

Catalog Number: 29978-1-AP



Basic Information

Catalog Number: 29978-1-AP	GenBank Accession Number: BC010023	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 950 µg/ml by Nanodrop;	GeneID (NCBI): 3205	Recommended Dilutions: IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: homeobox A9	
Isotype: IgG	Calculated MW: 30 kDa	
Immunogen Catalog Number: AG32309	Observed MW: 36 kDa	

Applications

Tested Applications: IP, ELISA	Positive Controls: IP : HEK-293 cells,
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

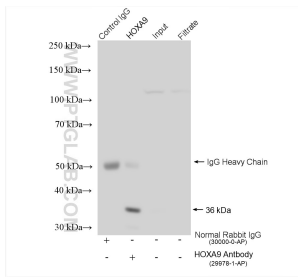
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1%BSA**

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.