

For Research Use Only

DLX4 Polyclonal antibody

Catalog Number: 12084-1-AP



Basic Information

Catalog Number: 12084-1-AP	GenBank Accession Number: BC016145	Purification Method: Antigen affinity purification
Size: 130 µg/ml	GeneID (NCBI): 1748	
Source: Rabbit	UNIPROT ID: Q92988	
Isotype: IgG	Full Name: distal-less homeobox 4	
Immunogen Catalog Number: AG2716	Calculated MW: 240 aa, 26 kDa	
	Observed MW: 38 kDa	

Applications

Tested Applications:
ELISA

Species Specificity:
human, mouse, rat

Background Information

Globin genes' expression in the β -globin cluster is restricted to erythroid cells, with five different genes expressed during embryonic (e), fetal ($G\gamma$ and $A\gamma$), and adult (δ and β) development [PMID:9461381]. Transcriptional activation of globin genes occurs not only by the binding of transcriptional activator proteins to the promoter of the gene being activated but also by a regulatory element located 6 to 18 kb upstream of the β -globin cluster, the locus control region (LCR)[PMID:8791532]. DLX4, also known as BP1, binds to two silencer DNA sequences upstream of the adult human β -globin gene and to a negative control region upstream of the adult δ -globin gene [PMID:11909945].

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

For technical support and original validation data for this product please contact:

T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data