

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: 150UL, Concentration: 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1748	
Source: Rabbit	Full Name: distal-less homeobox 4	
Isotype: IgG	Calculated MW: 240 aa, 26 kDa	
Immunogen Catalog Number: AG2716	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 (ϵ), fetal (γ 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]. DXL4, 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 0.1% 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:
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Selected Validation Data