

DLX4 Polyclonal antibody

Catalog Number: 12084-1-AP

Basic Information

Catalog Number:

12084-1-AP

Size:

130 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2716

GenBank Accession Number:

BC016145

GeneID (NCBI):

1748

UNIPROT ID:

Q92988

Full Name:

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Calculated MW:

240 aa, 26 kDa

Observed MW:

38 kDa

Purification Method:

Antigen affinity purification

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 γ and A γ), 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 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

