

# 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  $\beta$ -globin cluster is restricted to erythroid cells, with five different genes expressed during embryonic (e), fetal (G $\gamma$  and A $\gamma$ ), and adult ( $\delta$  and  $\beta$ ) 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  $\beta$ -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  $\beta$ -globin gene and to a negative control region upstream of the adult  $\delta$ -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

