

## Dlx-4 Monoclonal Antibody

Catalog No	YP-mAb-15753
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	DLX4
Protein Name	Homeobox protein DLX-4
Immunogen	The antiserum was produced against synthesized peptide derived from human DLX4. AA range:61-110
Specificity	Dlx-4 Monoclonal Antibody detects endogenous levels of Dlx-4 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DLX4; BP1; DLX7; DLX8; DLX9; Homeobox protein DLX-4; Beta protein 1; Homeobox protein DLX-7; Homeobox protein DLX-8
Observed Band	34kD
Cell Pathway	Nucleus .
Tissue Specificity	Expressed in leukemia cells and placenta. Also expressed in kidney and fetal liver.
Function	alternative products:Additional isoforms seem to exist. Ref.8 (AAC51171) sequence may be an additional isoform,function:May play a role in determining the production of hemoglobin S. May act as a repressor.,similarity:Belongs to the distal-less homeobox family.,similarity:Contains 1 homeobox DNA-binding domain.,tissue specificity:Expressed in leukemia cells and placenta. Also expressed in kidney and fetal liver.,
Background	Many vertebrate homeo box-containing genes have been identified on the basis of their sequence similarity with Drosophila developmental genes. Members of the Dlx gene family contain a homeobox that is related to that of Distal-less (Dll), a gene expressed in the head and limbs of the developing fruit fly. The Distal-less (Dlx) family of genes comprises at least 6 different members, DLX1-DLX6. The DLX proteins are postulated to play a role in forebrain and craniofacial development. Three transcript variants have been described for this gene,



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however, the full length nature of one variant has not been described. Studies of the two splice variants revealed that one encoded isoform functions as a repressor of the beta-globin gene while the other isoform lacks that function. [provided by RefSeq, Jul 2008],

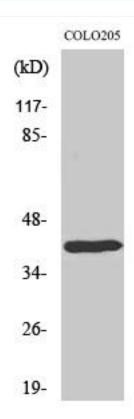
matters needing attention

Avoid repeated freezing and thawing!

**Usage suggestions** 

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Western Blot analysis of various cells using Dlx-4 Monoclonal Antibody