

Dlx-4 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02639
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human DLX4. AA range:61-110
Mol wt	26263
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Dlx-4 Antibody
Synonyms	DLX4; BP1; DLX7; DLX8; DLX9; Homeobox protein DLX-4; Beta protein 1; Homeobox protein DLX-7; Homeobox protein DLX-8

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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, 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.

Recommended Dilution

WB: 1: 500 - 1: 2000

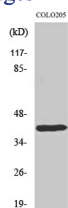
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

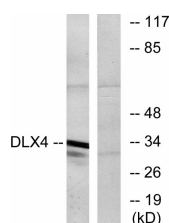
ELISA: 1: 5000

Not yet tested in other applications.

Images



Western Blot analysis of various cells using Dlx-4 Polyclonal Antibody cells nucleus.



Western blot analysis of lysates from COLO cells, using DLX4 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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