



Mouse anti-Human DLX1 monoclonal antibody, clone 3I4 (CABT-B10103)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	DLX1 (NP_835221, 152 a.a. ~ 256 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	3I4
Conjugate	Unconjugated
Applications	WB, IF, IP, sELISA, ELISA
Sequence Similarities	YLALPERAELAASLGLTQTQVKIWFQNKRSKFKKLMQGGAALEGSALANGRALSGSPP VPPGWNPNSSSGKGSGGNAGSYIPSYTSWYPSAHQEAMQQPQLM*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes a member of a homeobox transcription factor gene family similar to the <i>Drosophila</i> distal-less gene. The encoded protein is localized to the nucleus where it may
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function as a transcriptional regulator of signals from multiple TGF- β superfamily members. The encoded protein may play a role in the control of craniofacial patterning and the differentiation and survival of inhibitory neurons in the forebrain. This gene is located in a tail-to-tail configuration with another member of the family on the long arm of chromosome 2. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

Keywords DLX1; distal-less homeobox 1; homeobox protein DLX-1; distal-less homeo box 1;

GENE INFORMATION

Entrez Gene ID	1745
UniProt ID	Q7Z724
Pathway	Regulation of nuclear SMAD2/3 signaling, organism-specific biosystem
Function	DNA binding; DNA binding; chromatin binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity
