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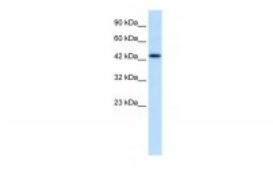
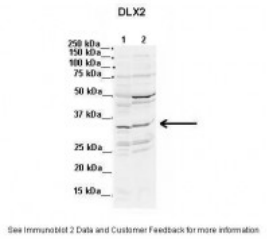
DLX2 Antibody

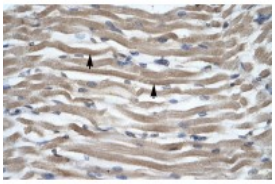
CATALOG NUMBER: 27-374



Antibody used in WB on Human Jurkat 1.25 ug/ml.



Antibody used in WB on Mouse, Rat 2 ug/ml (Lanes: 1. Mouse WT brain extract (80ug) 2. Rat brain extract (80ug)).



Antibody used in IHC on Human Muscle.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, IHC, WB
APPLICATIONS:	DLX2 antibody can be used for detection of DLX2 by ELISA at 1:1562500. DLX2 antibody can be used for detection of DLX2 by western blot at 1.25 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
POSITIVE CONTROL:	1) Cat. No. 1205 - Jurkat Cell Lysate
PREDICTED MOLECULAR WEIGHT:	34 kDa
IMMUNOGEN:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human DLX2.
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Antibody is purified by protein A chromatography method.
PHYSICAL STATE:	Lyophilized
BUFFER:	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 100 uL of distilled water. Final antibody concentration is 1 mg/mL.
CONCENTRATION:	1 mg/ml
STORAGE CONDITIONS:	For short periods of storage (days) store at 4˚C. For longer periods of storage, store DLX2 antibody at -20˚C. As with any antibody avoid repeat freeze-thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	DLX2, TES1, TES-1
ACCESSION NO.:	NP_004396

PROTEIN GI NO.:	4758168
OFFICIAL SYMBOL:	DLX2
GENE ID:	1746

Background

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.
REFERENCES:	1) McGuinness, T., et al., (1996) Genomics 35 (3), 473-485.

FOR RESEARCH USE ONLY

December 12, 2016