ELK Biotechnology

Dlx-3 rabbit pAb

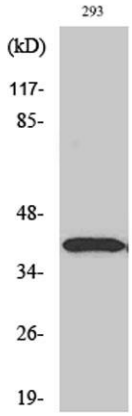
Cat No.:ES2176

For research use only

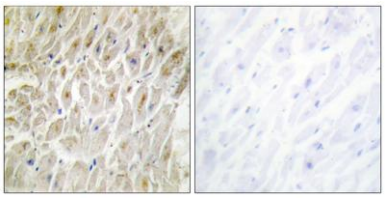
Overview

Product Name	Dlx-3 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human DLX3. AA range:71-120
Specificity	Dlx-3 Polyclonal Antibody detects endogenous levels of Dlx-3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Homeobox protein DLX-3
Gene Name	DLX3
Cellular localization	Nucleus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	45kD
Human Gene ID	1747
Human Swiss-Prot Number	O60479
Alternative Names	DLX3; Homeobox protein DLX-3
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. Trichodentoosseous syndrome (TDO), an autosomal dominant condition, has been correlated with DLX3 gene mutation. This gene is located in a tail-to-tail configuration with another member of the gene family on the long arm of chromosome 17. Mutations in this gene have been associated with the autosomal dominant conditions trichodentoosseous syndrome and amelogenesis imperfecta with taurodontism. [provided by RefSeq, Jul 2008],



Western Blot analysis of various cells using Dlx-3 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



Immunohistochemistry analysis of paraffin-embedded human heart tissue, using DLX3 Antibody. The picture on the right is blocked with the synthesized peptide.

+86-27-59760950 ELKbio@ELKbiotech.com www.elkbiotech.com
23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C

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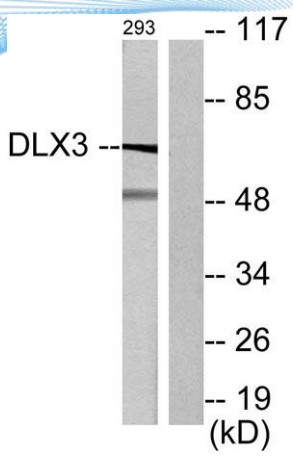

Western blot analysis of lysates from 293 cells, using DLX3 Antibody. The lane on the right is blocked with the synthesized peptide.

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