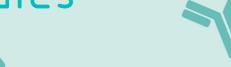
# antibodies .- online.com







### anti-DLX3 antibody (N-Term)



Overview

Target Details

DLX3

Target:



OVEIVIEW	
Quantity:	100 μL
Target:	DLX3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Horse, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DLX3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
5 1 . 5	
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DLX3
Sequence:	SSILTDISSS LSCHAGSKDS PTLPESSVTD LGYYSAPQHD YYSGQPYGQT
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit:
	100%, Rat: 100%, Sheep: 100%
Characteristics:	This is a rabbit polyclonal antibody against DLX3. It was validated on Western Blot and
	immunohistochemistry.
Purification:	Affinity Purified

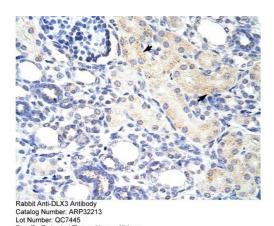
#### **Target Details**

Alternative Name:	DLX3 (DLX3 Products)
Background:	DLX3 is a member of the DIx gene family which contains a homeobox that is related to that of
	Distal-less (DII), a gene expressed in the head and limbs of the developing fruit fly. The Distal-
	less homeo box(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. Mutations in this gene have been associated with the autosomal
	dominant conditions trichodentoosseous syndrome and amelogenesis imperfecta with
	taurodontism. 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 (DII), 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 tai
	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.
	Alias Symbols: AI4, TDO
	Protein Interaction Partner: TDP2, TBL1X, PRKCA,
	Protein Size: 287
Molecular Weight:	32 kDa
Gene ID:	1747
NCBI Accession:	NM_005220, NP_005211
UniProt:	060479
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 287 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Format:	40-0

#### Handling

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Images**



#### **Immunohistochemistry**

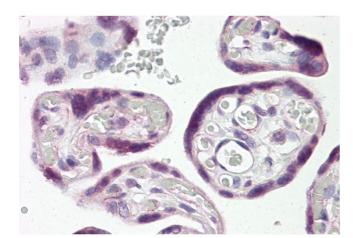
**Image 1.** Rabbit Anti-DLX3 Antibody Paraffin Embedded Tissue: Human Kidney Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

## Paraffin Embedded Tissue: Human Kidney Cells with Positive label: Epithelial cells of renal tubule (Indicated with Arrows) Antibody Concentration: 4.0-8.0 μg/ml Magnification: 400X



#### **Western Blotting**

**Image 2.** WB Suggested Anti-DLX3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Transfected 293T



#### **Immunohistochemistry**

Image 3. Placenta