

**DLX2 antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI10024****Specification**

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**DLX2 antibody - N-terminal region - Product Information**

Application	IHC, WB
Primary Accession	<a href="#">Q07687</a>
Other Accession	<a href="#">Q07687</a> , <a href="#">NP_004396</a> , <a href="#">NM_004405</a>
Reactivity	Human, Mouse, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34 kDa KDa

**DLX2 antibody - N-terminal region - Additional Information****Gene ID** 1746

Alias Symbol	TES1, TES-1
<b>Other Names</b>	
Homeobox protein DLX-2, DLX2	

**Target/Specificity**

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.

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 100 ul of distilled water. Final anti-DLX2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

DLX2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**DLX2 antibody - N-terminal region - Protein Information****Name** DLX2**Function**

Acts as a transcriptional activator (By similarity). Activates transcription of CGA/alpha-GSU, via binding to the downstream activin regulatory element (DARE) in the gene promoter (By similarity). Plays a role in terminal differentiation of interneurons, such as amacrine and bipolar cells in the developing retina. Likely to play a regulatory role in the development of the ventral forebrain (By similarity). May play a role in craniofacial patterning and morphogenesis (By similarity).

#### Cellular Location

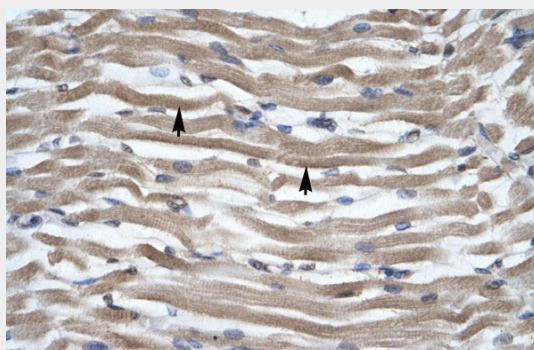
Nucleus.

#### DLX2 antibody - N-terminal region - Protocols

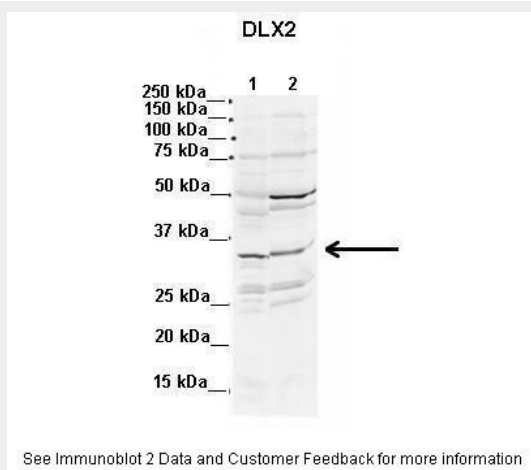
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### DLX2 antibody - N-terminal region - Images

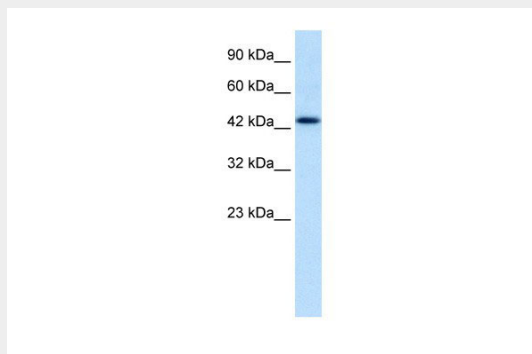


DLX2 antibody - N-terminal region (AI10024) in Human Muscle cells using Immunohistochemistry  
HumanMuscle



DLX2 antibody - N-terminal region (AI10024) in Mouse, Rat cells using Western Blot

Lanes: 1. Mouse WT brain extract (80ug) 2. Rat brain extract (80ug)  
Primary Antibody Dilution: 2µg/ml  
Secondary Antibody: IRDye 800CW goat anti-rabbit from Li-COR Bioscience  
Secondary Antibody Dilution: 1: 20,000  
Gene Name: DLX2



DLX2 antibody - N-terminal region (AI10024) in Human Jurkat cells using Western Blot  
WB Suggested Anti-DLX2 Antibody Titration: 1.25µg/ml  
ELISA Titer: 1:1562500  
Positive Control: Jurkat cell lysate

#### **DLX2 antibody - N-terminal region - Background**

This is a rabbit polyclonal antibody against DLX2. It was validated on Western Blot and immunohistochemistry by Abgent. At Abgent we manufacture rabbit polyclonal antibodies on a large scale (200-1000 products/month) of high throughput manner. Our antibodies are peptide based and protein family oriented. We usually provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire ([sales@abgent.com](mailto:sales@abgent.com)).