10320 Camino Santa Fe, Suite G
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# DLX2 Antibody (clone 2B12)

**Mouse Monoclonal Antibody**
**Catalog # ALS14040**

## Specification

### DLX2 Antibody (clone 2B12) - Product Information

| | |
|---|---|
| Application | **WB, IHC** |
| Primary Accession | Q07687 |
| Reactivity | **Human, Mouse** |
| Host | **Mouse** |
| Clonality | **Monoclonal** |
| Calculated MW | **34kDa KDa** |

### DLX2 Antibody (clone 2B12) - Additional Information

**Gene ID** 1746

**Other Names**
Homeobox protein DLX-2, DLX2

**Target/Specificity**
Human Dlx2

**Reconstitution & Storage**
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

**Precautions**
DLX2 Antibody (clone 2B12) is for research use only and not for use in diagnostic or therapeutic procedures.

### DLX2 Antibody (clone 2B12) - 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.

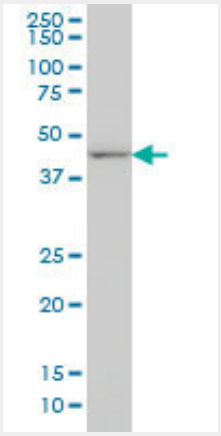
### DLX2 Antibody (clone 2B12) - Protocols

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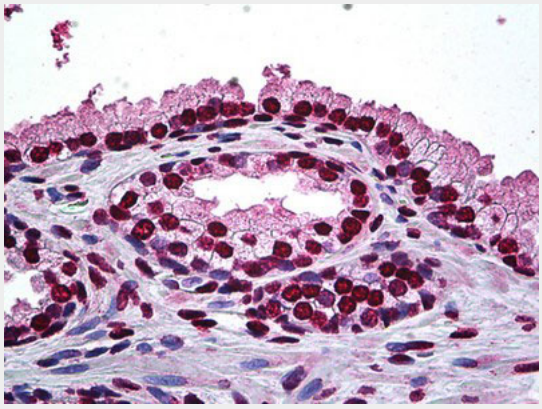
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

**DLX2 Antibody (clone 2B12) - Images**




DLX2 monoclonal antibody, clone 2B12 Western blot of DLX2 expression in NIH/3T3.



Anti-DLX2 antibody IHC of human prostate.

**DLX2 Antibody (clone 2B12) - Background**

Likely to play a regulatory role in the development of the ventral forebrain. May play a role in craniofacial patterning and morphogenesis.

**DLX2 Antibody (clone 2B12) - References**

McGuinness T.,et al.Genomics 35:473-485(1996).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 434:724-731(2005).
Selski D.J.,et al.Gene 132:301-303(1993).
Simeone A.,et al.Proc. Natl. Acad. Sci. U.S.A. 91:2250-2254(1994).

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