

DLX2 Antibody (clone 2B12)
Mouse Monoclonal Antibody
Catalog # ALS14040**Specification**

DLX2 Antibody (clone 2B12) - Product Information

Application	WB, IHC-P, E
Primary Accession	Q07687
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Calculated MW	34kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

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

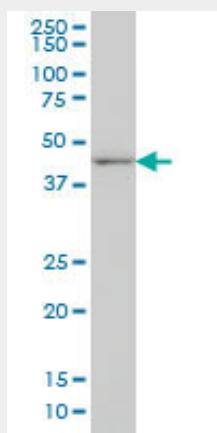
Nucleus.

DLX2 Antibody (clone 2B12) - Protocols

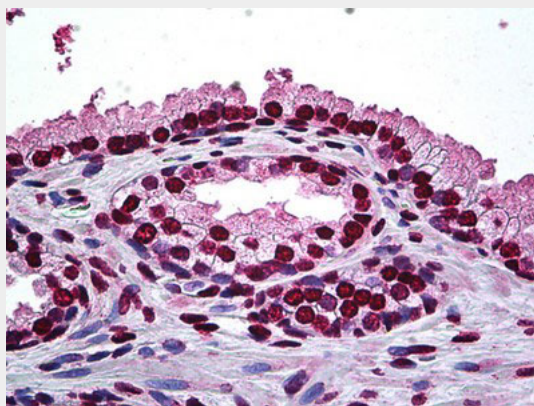
Provided below are standard protocols that you may find useful for product applications.

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

DLX2 Antibody (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).