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# DLX1 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11661

## Product Information

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| **Application** | WB |
| **Primary Accession** | P56177 |
| **Other Accession** | NM_178120, NP_835221 |
| **Reactivity** | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine |
| **Predicted** | Mouse, Rat, Zebrafish, Chicken, Bovine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 27320 |

## Additional Information

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| **Gene ID** | 1745 |
| **Other Names** | Homeobox protein DLX-1, DLX1 |
| **Format** | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. |
| **Reconstitution & Storage** | Add 50 ul of distilled water. Final anti-DLX1 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** | DLX1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

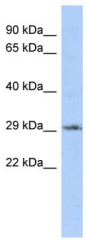
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| **Name** | DLX1 |
| **Function** | Plays a role as a transcriptional activator or repressor (PubMed: 14671321). Inhibits several cytokine signaling pathways, such as TGFB1, activin-A/INHBA and BMP4 by interfering with the transcriptional stimulatory activity of transcription factors, such as MSX2, FAST2, SMAD2 and SMAD3 during hematopoietic cell differentiation (PubMed:14671321). Plays a role in terminal differentiation of interneurons, such as amacrine and bipolar cells in the developing retina (By similarity). Likely to play a regulatory role in the development of the ventral forebrain (By similarity). May play a role in craniofacial patterning and morphogenesis and may be involved in the early development of diencephalic subdivisions (By similarity). |
| **Cellular Location** | Nucleus. |

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| **Tissue Location** | Expressed in hematopoietic cell lines. |

## References

Kahler,A.K., (er) Am. J. Med. Genet. B Neuropsychiatr. Genet. (2008) In pressReconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

## Images




WB Suggested Anti-DLX1 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: THP-1 cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.