

## 11-12024: Polyclonal Antibody to DLX3/distal-less homeobox 3

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	DLX3
<b>Gene ID :</b>	1747
<b>Uniprot ID :</b>	O60479
<b>Format :</b>	Purified
<b>Alternative Name :</b>	DLX3
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	A partial length recombinant DLX3 protein (amino acids 93-282) was used as the immunogen for this antibody.

### Description

DLX3 (Distal-less homeobox 3) is a member of the large homeobox gene family of transcription factors. It plays a crucial role during embryonic development. DLX3 is expressed in a variety of tissues including placenta, skin, hair, teeth, and bone. Dlx3 interacts with Smad6, a member of a larger family of transcriptional regulators; generally regulate transforming growth factor beta/bone morphogenetic protein signaling. DLX3 supports the osteogenic differentiation in DFCs (Dental follicle cells) via a positive feedback loop with the bone morphogenetic protein (BMP) 2.

### Product Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein A Chromatography
<b>Content :</b>	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Western blot analysis: 2-4 µg/ml

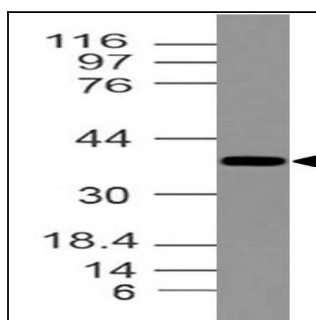


Fig-1: Expression analysis DLX3. Anti-DLX3 antibody (11-12024) was used at 2 µg/ml on C2C12 lysate.