

**DLX5 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51165****Specification**

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**DLX5 Antibody - Product Information**

Application	WB, IP, ICC, IHC-P, E
Primary Accession	<a href="#">P56178</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32 KDa

**DLX5 Antibody - Additional Information****Gene ID** 1749**Other Names**

Homeobox protein DLX-5, DLX5

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**DLX5 Antibody - Protein Information****Name** DLX5**Function**

Transcriptional factor involved in bone development. Acts as an immediate early BMP-responsive transcriptional activator essential for osteoblast differentiation. Stimulates ALPL promoter activity in a RUNX2-independent manner during osteoblast differentiation. Stimulates SP7 promoter activity during osteoblast differentiation. Promotes cell proliferation by up-regulating MYC promoter activity. Involved as a positive regulator of both chondrogenesis and chondrocyte hypertrophy in the endochondral skeleton. Binds to the homeodomain-response element of the ALPL and SP7 promoter. Binds to the MYC promoter. Requires the 5'-TAATTA-3' consensus sequence for DNA-binding.

**Cellular Location**

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108}.

**DLX5 Antibody - 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](#)

#### **DLX5 Antibody - Images**

#### **DLX5 Antibody - Background**

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#### **DLX5 Antibody - References**

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Simeone A.,et al.Proc. Natl. Acad. Sci. U.S.A. 91:2250-2254(1994).  
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