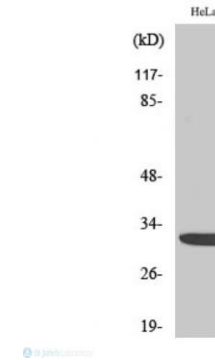


Anti-Dlx-5 Antibody

CATALOG NO:	A1626-100 100 µl
ALTERNATE NAMES:	Homeobox protein DLX-5 antibody
AMOUNT:	100 µl
IMMUNOGEN:	Synthesized peptide derived from human Dlx-5 (60-140 aa)
MOL. WEIGHT	32 kDa
HOST/ISOTYPE:	Rabbit IgG
SPECIES REACTIVITY:	Human, Mouse, Rat
SPECIFICITY:	Dlx-5 Polyclonal Antibody detects endogenous levels of Dlx-5 protein.
PURIFICATION:	The antibody was affinity-purified from rabbit serum by affinity-chromatography using epitope-specific immunogen.
FORM:	Liquid
FORMULATION:	PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide
STORAGE CONDITIONS:	Store at -20°C. Avoid repeated freeze/thaw cycles.
DESCRIPTION:	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.
APPLICATION:	WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:40000

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western Blot (WB) analysis of specific cells using Dlx-5 Polyclonal Antibody

RELATED PRODUCTS:

- GFAP Antibody (Cat. No. 3206)
- Vimentin Antibody (Cat. No. 3634)
- Fibronectin Antibody (Cat. No. 3630)
- FGF-2 Antibody (Cat. No. 5039)
- Anti-CD133 Antibody (Cat. No. A1622)
- Anti-CTNND2 Antibody (Cat. No. A1623)

FOR RESEARCH USE ONLY! Not to be used on humans.