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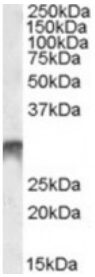
DLX5 Antibody

CATALOG NUMBER: 46-983



Western blot analysis of DLX5 in human bone marrow lysate (35 ug protein in RIPA buffer) using DLX5 Antibody at 1 ug/mL.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:32000. Western Blot: Approximately 30 kDa band observed in human bone marrow lysates (calculated MW of 31.5 kDa according to NP_005212.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Lee et al, J Biol Chem. 2003 Sep 5;278 (36) :34387-94; PMID: 12815054). Recommended concentration: 1-3 ug/mL.
POSITIVE CONTROL:	1) Human Bone Marrow Lysate
IMMUNOGEN:	DLX5 antibody was raised against a 14 amino acid synthetic peptide near the internal region of DLX5.
HOST SPECIES:	Goat

Properties

PURIFICATION:	DLX5 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	DLX5 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20˚C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	DLX5, distal-less homeobox 5, distal-less homeo box 5, SHFM1D
ACCESSION NO.:	NP_005212.1
PROTEIN GI NO.:	4885187
OFFICIAL SYMBOL:	DLX5
GENE ID:	1749

Background

REFERENCES: 1) Tan Y, Timakhov RA, Rao M, Altomare DA, Xu J, Liu Z, Gao Q, Jhanwar SC, Di Cristofano A, Wiest DL, Knepper JE, Testa JR. A novel recurrent chromosomal inversion implicates the homeobox gene Dlx5 in T-cell lymphomas from Lck-Akt2 transgenic mice. Cancer Res. 2008 Mar 68 (5): 1296-302.

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