

Goat anti-DLX5 Antibody

Item Number	dAP-1784
Target Molecule	Principle Name: DLX5; Official Symbol: DLX5; All Names and Symbols: DLX5; distal-less homeobox 5; distal-less homeo box 5; Accession Number (s): NP_005212.1; Human Gene ID(s): 1749; Non-Human GenelD(s): 13395 (mouse) 25431 (rat)
Immunogen	AYNRPVPSATNQPEK, is from internal region
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 30kDa band observed in Human Bone Marrow lysates (calculated MW of 31.5kDa 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)
IHC	Immunohistochemistry: Paraffin embedded Human Placenta. Recommended concentration: 2.5µg/ml.
Reference	Reference(s): 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-

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**