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EB09284 - Goat Anti-DLX5 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: DLX5, distal-less homeobox 5, distal-less homeo box 5
Official Symbol: DLX5
Accession Number(s): NP_005212.1
Human GeneID(s): 1749
Non-Human GeneID(s): 13395 (mouse), 25431 (rat)

Immunogen

Peptide with sequence C-AYNRVPSATNQPEK, from the internal region of the protein sequence according to NP_005212.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 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.

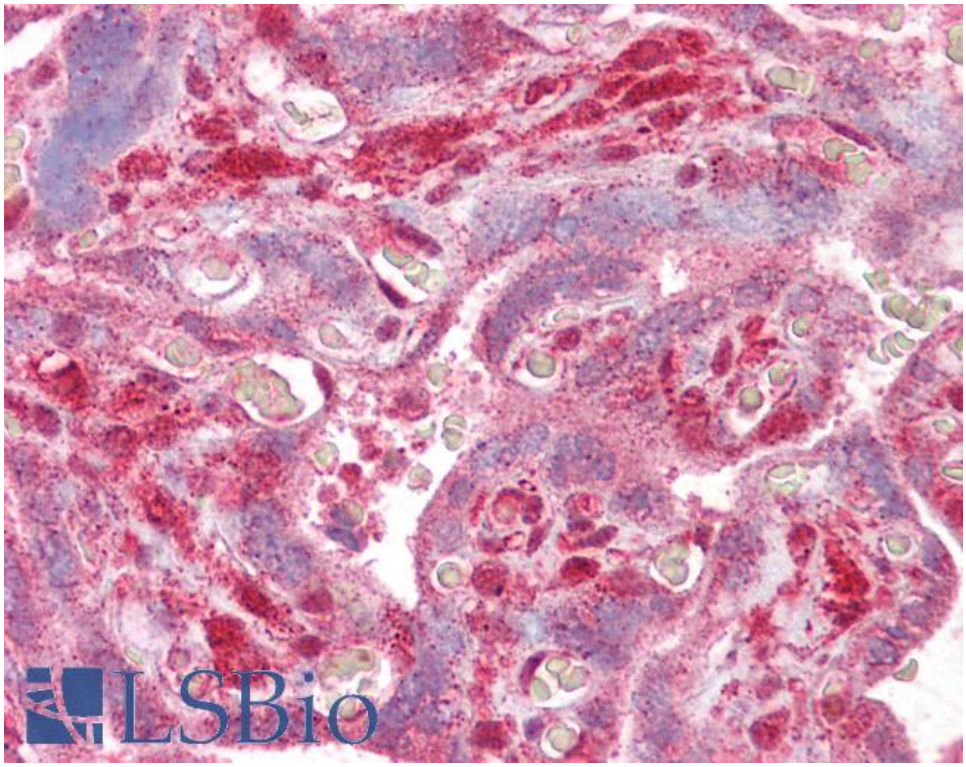
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.
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 Sep 5;278(36):34387-94; PMID: 12815054). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.
IHC: Paraffin embedded Human Placenta. Recommended concentration: 2.5µg/ml.

Species Reactivity

Tested: Human
Expected from sequence similarity: Human, Mouse, Rat, Cow

EB09284 (1µg/ml) staining of Human Bone Marrow lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB09284 (2.5µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.