

#### **International Office**

**Everest Biotech Ltd** 

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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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 GenelD(s): 1749

Non-Human GenelD(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.

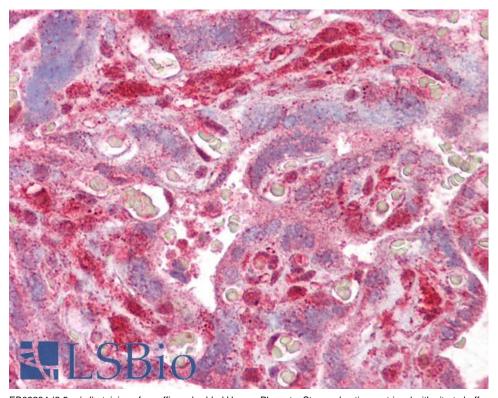
### **Species Reactivity**

Tested: Human

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



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



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