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# EB11909 - Goat Anti-HOXD13 Antibody

Size: 100µg specific antibody in 200µl



**Target Protein** 

Principal Names: HOXD13, homeobox D13, BDE, BDSD, HOX4I, SPD, homeo box 4I,

homeo box D13, homeobox protein Hox-4I, homeobox protein Hox-D13

Official Symbol: HOXD13

Accession Number(s): NP\_000514.2

Human GenelD(s): 3239

Non-Human GenelD(s): 15433 (mouse), 288154 (rat)

### **Immunogen**

Peptide with sequence CTKDQPQGSHFWKS, from the internal region of the protein

sequence according to NP\_000514.2.

Please note the <u>peptide</u> 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**

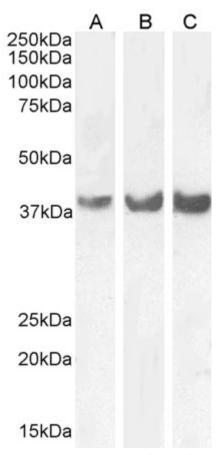
Peptide ELISA: antibody detection limit dilution 1:1000.

**Western blot:** Approx 38kDa band observed in Human (Cerebellum), Mouse and Rat Brain lysates (calculated MW of 36.1kDa according to Human NP\_000514.2, 35.9kDa according to Mouse NP\_032301.2 and 34.9kDa according to Rat NP\_001099356.1). Recommended concentration: 0.1-1μg/ml. Primary incubation 1 hour at room temperature.

#### **Species Reactivity**

Tested: Human, Mouse, Rat

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



EB11909 (0.3μg/ml) staining of Human (A), Mouse (B) and (0.1ug/ml) Rat (C) Brain lysate (35μg protein in RIPA buffer). Detected by cemiluminescence.