

### **UK Office**

**Everest Biotech Ltd** 

Cherwell Innovation Centre

77 Heyford Park Upper Heyford Oxfordshire OX25 5HD

UK

**Enquiries:** 

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB10012 - Goat Anti-HOXB9 Antibody

Size: 100µg specific antibody in 200µl



**Target Protein** 

Principal Names: homeo box 2E, homeo box B9, homeobox B9, HOX2, HOX-2.5,

HOX2E, HOXB9

Official Symbol: HOXB9

Accession Number(s): NP\_076922.1

Human GeneID(s): 3219

Non-Human GenelD(s): 15417 (mouse)

#### **Immunogen**

Peptide with sequence CEGSEDKERPDQTN, from the internal region of the protein sequence according to NP\_076922.1.

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 1:4000.

**Western blot:** Approx 27kDa band observed in Human Brain (Cerebellum) and Mouse Spinal Cord lysates (calculated MW of 28.1kDa according to Human NP\_076922.1 and 28.0kDa according to Mouse NP\_032296.2). Recommended concentration: 0.3-1µg/ml.

### **Species Reactivity**

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Dog

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB10012 ( $0.3\mu g/ml$ ) staining of Mouse Spinal Cord lysate ( $35\mu g$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.