



## International Office

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**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 GeneID(s):** 15417 (mouse)

### Immunogen

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

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

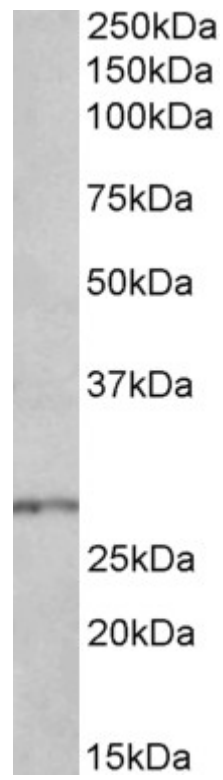
**Peptide ELISA:** antibody detection limit dilution 1:4000.

**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



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.