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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

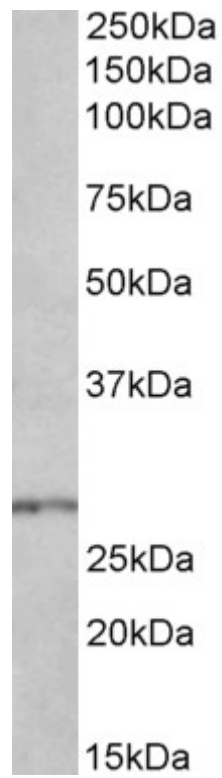
Peptide ELISA: antibody detection limit dilution 1:4000.

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