



## International Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB11123 - Goat Anti-SOX10 (aa204-217) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** DOM, dominant megacolon, mouse, human homolog of, MGC15649, OTTHUMP00000195094, OTTHUMP00000195097, PCWH, SRY (sex determining region Y)-box 10, SRY-related HMG-box gene 10, transcription factor SOX-10, WS2E, WS4, WS4C, SOX10

**Official Symbol:** SOX10

**Accession Number(s):** NP\_008872.1

**Human GeneID(s):** [6663](#)

**Non-Human GeneID(s):** 20665 (mouse), 29361 (rat)

### Immunogen

Peptide with sequence C-QAHYKSAHLDHRHP, from the C or N Terminus of the protein sequence according to NP\_008872.1.

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

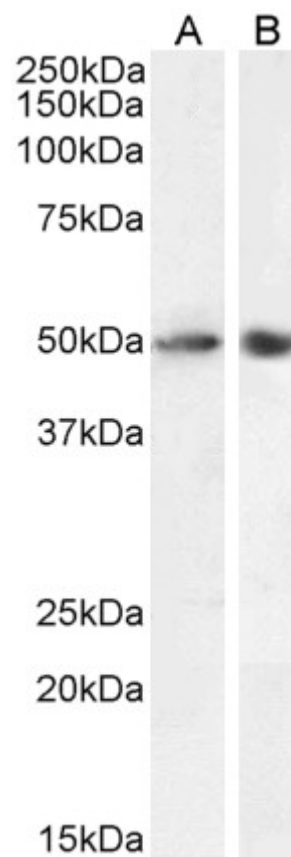
**Peptide ELISA:** antibody detection limit dilution 1:4000.

**Western blot:** Approx 50kDa band observed in Mouse and Rat Brain lysates (calculated MW of 49.9kDa according to Mouse NP\_035567.1 and 50.0kDa according to Rat NP\_062066.1). Recommended concentration: 0.3-0.5µg/ml. Primary incubation 1 hour at room temperature.

### Species Reactivity

**Tested:** Mouse, Rat

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



EB11123 (0.3 $\mu$ g/ml) staining of Mouse (A) and Rat (B) Brain lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.