

#### **International Office**

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# EB12566 - Goat Anti-SOX2 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** SOX2, SRY (sex determining region Y)-box 2, ANOP3, MCOPS3, SRY-related HMG-box gene 2, transcription factor SOX-2, transcription factor SOX2

Official Symbol: SOX2

Accession Number(s): NP\_003097.1

Human GeneID(s): 6657

Non-Human GenelD(s): 20674 (mouse), 499593 (rat)

#### **Immunogen**

Peptide with sequence C-HRYDVSALQY, from the internal region of the protein sequence according to NP\_003097.1.

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**

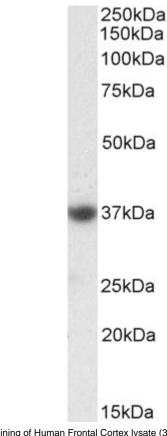
Peptide ELISA: antibody detection limit dilution 1:128000.

**Western blot:** Approx 37kDa band observed in Human (Frontal Cortex) Brain lysates (calculated MW of 34.3kDa according to Human NP\_003097.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation 1 hour.at room temperature.

### **Species Reactivity**

Tested: Human

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



EB12566 (0.3μg/ml) staining of Human Frontal Cortex lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.