



## UK Office

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

## 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 GeneID(s):** 20674 (mouse), 499593 (rat)

### Immunogen

Peptide with sequence C-HRYDVSAALQY, 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

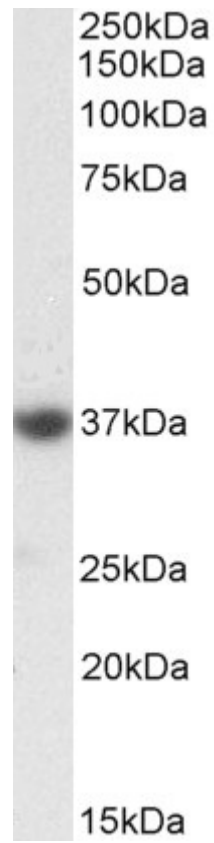
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**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 (0.3 $\mu$ g/ml) staining of Human Frontal Cortex lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.