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