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

EB08184 - Goat Anti-SOX17 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SRY (sex determining region Y)-box 17, FLJ22252, SRY-box 17, SRY-related HMG-box transcription factor SOX17

Official Symbol: SOX17

Accession Number(s): NP_071899.1;

Human GeneID(s): [64321](#)

Non-Human GeneID(s): 312936 (rat)

Immunogen

Peptide with sequence EALPCRDGTD, from the internal region of the protein sequence according to NP_071899.1;

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 1:32000.

Western blot: Preliminary experiments gave an approx 20kDa band in Rat Brain and Rat Spinal Cord lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 44.6kDa according to Mouse NP_035571.1 and of 44.1kDa according to Human NP_071899.1. The 20kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:

Expected from sequence similarity: Human, Rat