



## UK Office

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

## EB11231 - Goat Anti-SOX11 (aa309-323) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SRY (sex determining region Y)-box 11, SRY (sex-determining region Y)-box 11, SRY-related HMG-box gene 11, transcription factor SOX-11, SOX11

**Official Symbol:** SOX11

**Accession Number(s):** NP\_003099.1

**Human GeneID(s):** [6664](#)

**Non-Human GeneID(s):** 20666 (mouse), 84046 (rat)

### Immunogen

Peptide with sequence C-SRLYYSFKNITKQHP, from the internal region of the protein sequence according to NP\_003099.1.

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 1:2000.

**Western blot:** Approx 65kDa band observed in lysates of cell lines Daudi, Jurkat and MOLT4 (calculated MW of 46.7kDa according to NP\_003099.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Dictor et al, Haematologica. 2009 Nov;94(11):1563-8. PMID: 19880779). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on NIH3T3, Mouse and Rat Brain for this particular batch.

### Species Reactivity

**Tested:** Human

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

### Specific Reference

**This antibody has been successfully used in IHC on Mouse:**

Chen C, Jin J, Lee GA, Silva E, Donoghue M.

Cross-species functional analyses reveal shared and separate roles for Sox11 in frog primary neurogenesis and mouse cortical neuronal differentiation.

Biol Open. 2016 Apr 15;5(4):409-17

PMID: 26962049

EB11231 (0.5µg/ml) staining of MOLT4 lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.