

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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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 GenelD(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.