

#### **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

Research Use Only. Not for diagnostic or therapeutic use.

# EB10053 - Goat Anti-SOX3 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: GHDX, MRGH, PHP, PHPX, SOXB, SRY (sex determining region

Y)-box 3, transcription factor SOX-3, SOX3

Official Symbol: SOX3

Accession Number(s): NP\_005625.2

Human GeneID(s): 6658

#### **Immunogen**

Peptide with sequence C-DAASPLPGGRLHGVH, from the C Terminus of the protein sequence according to NP\_005625.2.

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

Aliquot and store at -20°C. Minimize freezing and thawing.

### **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:8000.

**Western blot:** Approx 42kDa band observed in Human Brain (Cerebellum, Cerebral Cortex and Frontal Cortex) lysates (calculated MW of 45.2kDa according to

NP\_005625.2). Recommended concentration: 0.5-1.5µg/ml.

IHC: In paraffin embedded Human Cerebrl Cortex shows nuclear staining at verious intensities along the neuronal cells. Recommended concentration, 3-5µg/ml.

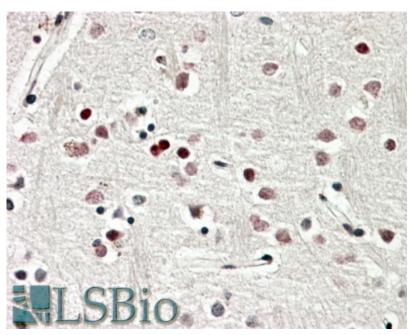
#### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog



EB10053 (0.5 $\mu$ g/ml) staining of Human Cerebral Cortex lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB10053 (3.8μg/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.