



## International Office

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**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 albumin.

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

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:8000.

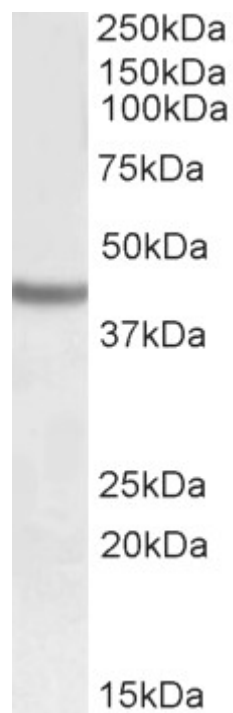
**Western blot:** Approx 42kDa band observed in Human Brain (Cerebellum, Cerebral Cortex and Frontal Cortex) lysates (calculated MW of 45.2kDa according to NP\_005625.2). Recommended concentration: 0.5-1.5µg/ml.

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

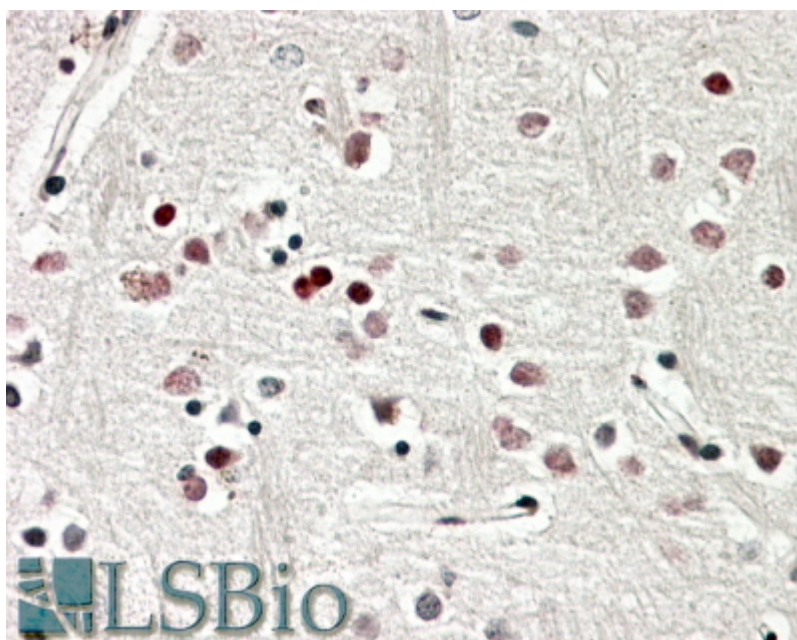
### Species Reactivity

**Tested:** Human

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



EB10053 (0.5µg/ml) staining of Human Cerebral Cortex lysate (35µg 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.