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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 Cerebrl Cortex shows nuclear staining at verious intensities along the neuronal cells. Recommended concentration, 3-5µg/ml.

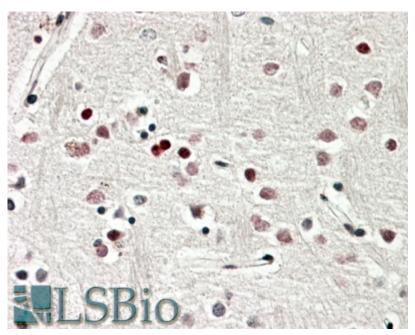
Species Reactivity

Tested: Human

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



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