



## EB05226 - Goat Anti-FOXP2 (C terminus) Antibody



Size: 100µg specific antibody in 200µl

### UK Office

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

### Target Protein

**Principal Names:** FOXP2 antibody, forkhead box P2 antibody, SPCH1 antibody, CAGH44 antibody, TNRC10 antibody, CAG repeat protein 44 antibody, speech and language disorder 1 antibody, trinucleotide repeat containing 10 antibody, forkhead/winged-helix transcription factor antibody, DKFZp686H1726 antibody, OTTHUMP00000196932 antibody

**Official Symbol:** FOXP2

**Accession Number(s):** NP\_055306.1; NP\_683696.2; NP\_683697.1

**Human GeneID(s):** [93986](#)

**Important Comments:** This antibody is expected to recognise all three reported isoforms (NP\_055306.1; NP\_683696.2; NP\_683697.1).

### Immunogen

Peptide with sequence C-REIEEEPLSEDL, from the C Terminus of the protein sequence according to NP\_055306.1; NP\_683696.2; NP\_683697.1.

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 1:32000.

**Western blot:** Approx 80kDa band observed in human brain (cerebellum) lysates (calculated MW of 79.9kDa according to NP\_055306.1). Recommended concentration: 0.5-1.5µg/ml.

**IHC:** An anonymous customer found positive results in IHC on Mouse embryonic spinal cord.

### Species Reactivity

**Tested:** Human, Mouse

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

### Specific References

**This antibody has been successfully used (in IHC on Mouse cerebellum) in the following paper:**

Fujita H, Sugihara I.

FoxP2 expression in the cerebellum and inferior olive: Development of the transverse stripe-shaped expression pattern in the mouse cerebellar cortex.

J Comp Neurol. 2012 Feb 15;520(3):656-77. doi: 10.1002/cne.22760.

PMID: 21935935

Fujita H, Morita N, Furuichi T, Sugihara I.

Clustered fine compartmentalization of the mouse embryonic cerebellar cortex and its rearrangement into the postnatal striped configuration.

J Neurosci. 2012 Nov 7;32(45):15688-703.

PMID: 23136409



EB05226 (0.5 $\mu$ g/ml) staining of human cerebellum lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.