

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

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

EB05226-T - Goat Anti-FOXP2 (C terminus) Antibody - Trial

Size: 20µg specific antibody in 40µl



Target Protein

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

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-REIEEEPLSEDLE, 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 1:128000.

Western blot: Approx 80kDa band observed in Human Brain (Cerebellum) lysate (calculated MW of 79.9kDa according to NP_055306.1). Recommended concentration: 0.5-1.5µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse and Rat for this particular batch.

Species Reactivity

Tested: Human

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

Specific References

This antibody (previous batch) has been successfully used in IHC on Human and Mouse:

Haldipur P, Dang D, Aldinger KA, Janson OK, Guimiot F, Adle-Biasette H, Dobyns WB, Siebert JR, Russo R, Millen KJ.

Phenotypic outcomes in Mouse and Human Foxc1 dependent Dandy-Walker cerebellar malformation suggest shared mechanisms.

Elife. 2017 Jan 16;6. pii: e20898. doi: 10.7554/eLife.20898.

PMID: 28092268

This antibody (previous batch) has been successfully used in IHC on Mouse:

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

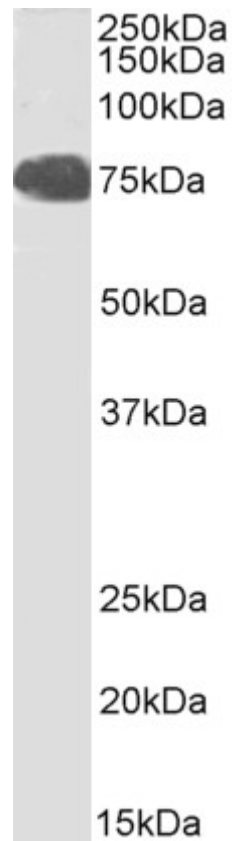
This antibody (previous batch) has been successfully used in IHC on Mouse:

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

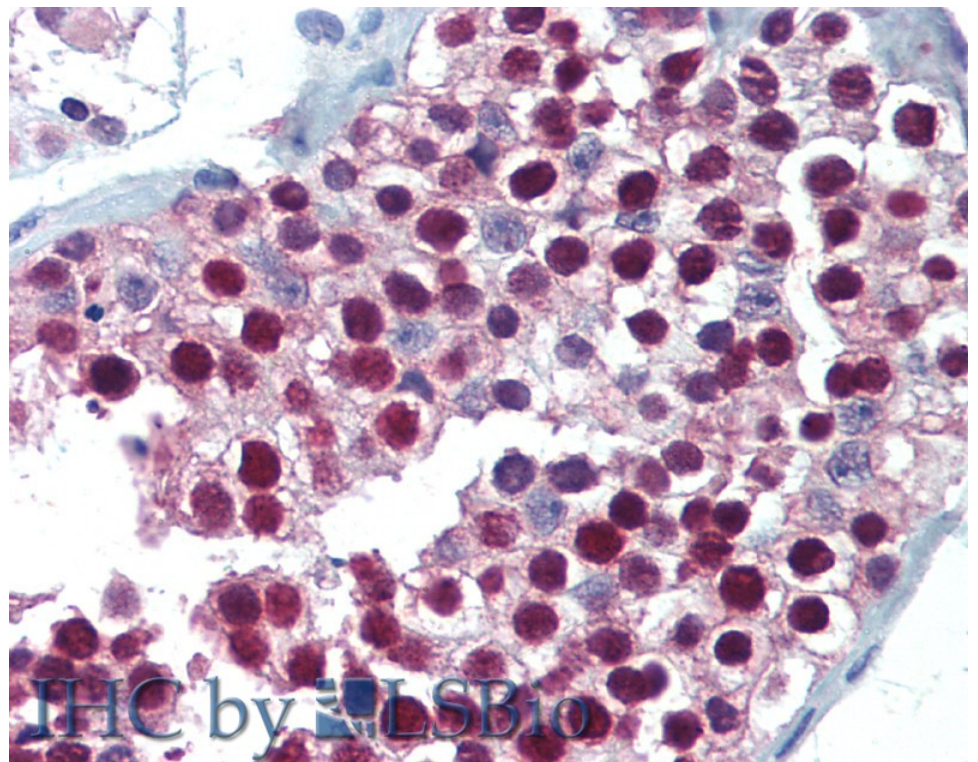
Clustered fine compartmentalization of the mouse embryonic cerebellar cortex and its rearrangement into the postnatal striped configuration.

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

PMID: 23136409



EB05226 (1µg/ml) staining of Human Cerebellum lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB05226 (5µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. **This data is from a previous batch, not on sale.**