



## UK Office

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

## EB07520 - Goat Anti-FOXP2 (internal) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

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

**Official Symbol:** FOXP2

**Accession Number(s):** NP\_055306.1; NP\_683696.2; NP\_683697.2; NP\_683698.2; NP\_001166237.1

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

**Non-Human GeneID(s):** 114142 (mouse)

**Important Comments:** This antibody is expected to recognize isoform I (NP\_055306.1), isoform II (NP\_683696.2), isoform IV (NP\_683698.2) and isoform V (NP\_001166237.1).

### Immunogen

Peptide with sequence C-DEVEYQKRRSQKIT, from the internal region of the protein sequence according to NP\_055306.1; NP\_683696.2; NP\_683697.2; NP\_683698.2; NP\_001166237.1.

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 1:64000.

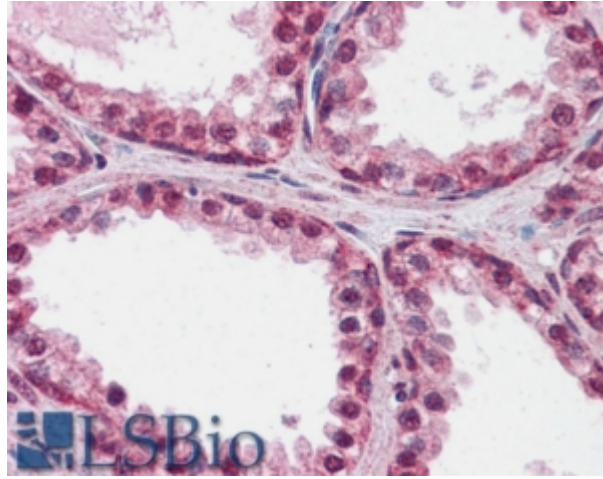
**Western blot:** Preliminary testing showed an approx 90kDa band in Human Cerebellum lysate and an approx 75kDa band in Rat Brain lysate after 0.3ug/ml staining. An additional band of unknown identity was also consistently observed at 28-30kDa and was successfully blocked by incubation with the immunising peptide.

**IHC:** Paraffin embedded Human Prostate and Placenta. Recommended concentration: 2.5µg/ml.

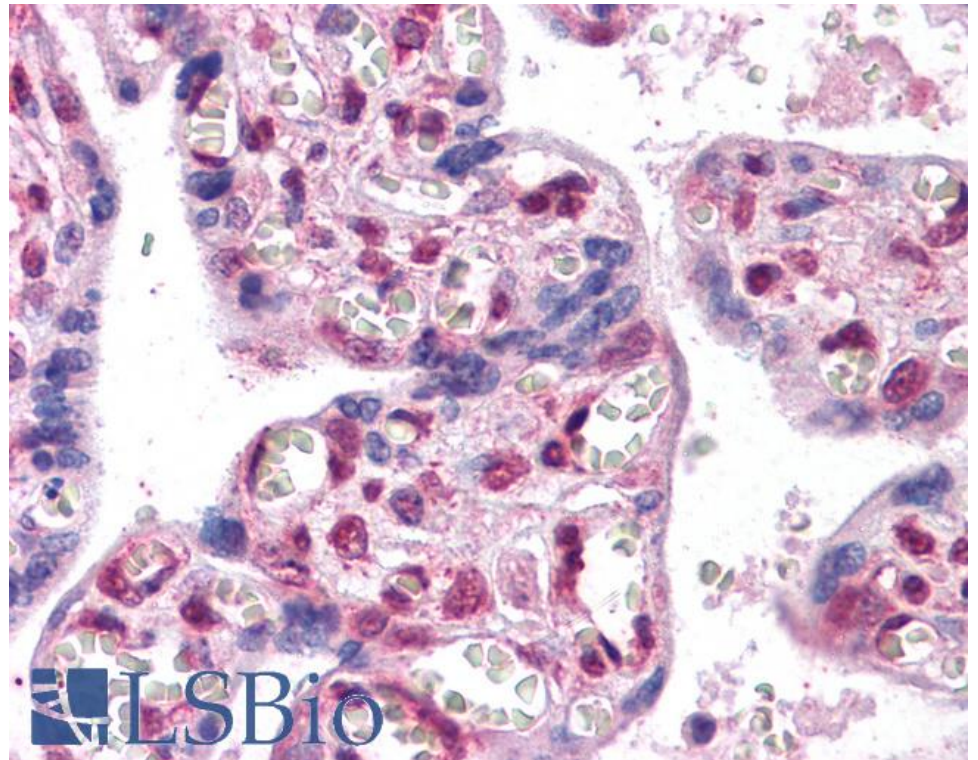
### Species Reactivity

**Tested:** Human

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



EB07520 (2.5µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB07520 (2.5µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.