

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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 GenelD(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.

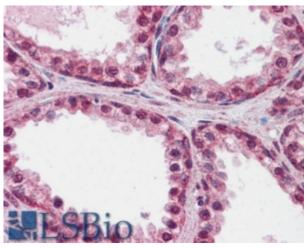
Western blot: Preliminary testing showed an approx 90kDa band in Human Cerebellum lysate and an approx 75kDa band in Rat Brain lysate after 0.3ug/ml staining. An additional band of unknown identity was also consistently observed at 28-30kDa and was successfully blocked by incubation with the immunising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

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

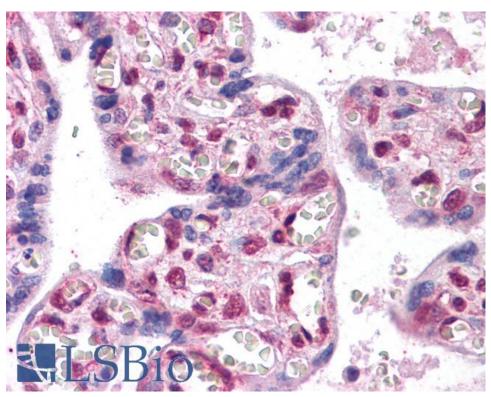
Species Reactivity

Tested: Human

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



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



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