

### **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

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# EB10022 - Goat Anti-POU2F2 / OCT2 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: homeobox protein, OCT2, Oct-2, OTF2, POU class 2 homeobox 2, POU domain, class 2, transcription factor 2, POU2F2 Official Symbol: POU2F2 Accession Number(s): NP\_002689.1 Human GenelD(s): <u>5452</u>

#### Immunogen

Peptide with sequence C-SPTGPSTKIKAED, from the internal region of the protein sequence according to NP\_002689.1.

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**

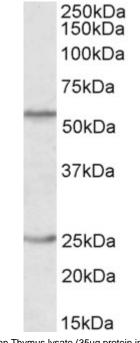
Peptide ELISA: antibody detection limit dilution 1:64000.

**Western blot:** Approx 55kDa band observed in Human Thymus and Tonsil lysates (calculated MW of 49.5kDa according to NP\_002689.1). Recommended concentration: 0.5-1.5µg/ml. An additional band of unknown identity was also consistently observed at 25kDa. This band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any such results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

## **Species Reactivity**

Tested: Human

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



EB10022 (0.5µg/ml) staining of Human Thymus lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.