



## International Office

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

## EB10021 - 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 GeneID(s):** [5452](#)

### Immunogen

Peptide with sequence KQGLDSPSEHTDTER-C, from the N Terminus 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 1:128000.

**Western blot:** Approx 60kDa band observed in Human Tonsil and Mouse Thymus lysates (calculated MW of 49.5kDa according to NP\_002689.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Pelis et al, Am J Physiol Renal Physiol. 2006 May;290(5):F1118-26. PMID: 16368738). Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Human, Mouse

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



EB10021 (0.1µg/ml) staining of Human Tonsil lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.