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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 GenelD(s): <u>5452</u>

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.

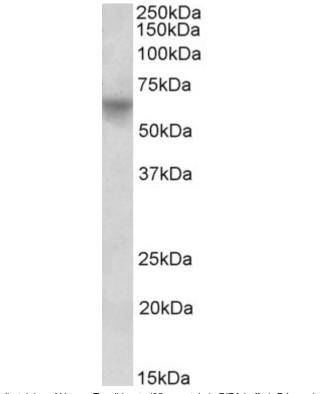
Applications Tested

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.