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

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 GeneID(s): [5452](#)

Immunogen

Peptide with sequence C-SPTGPSTKIKAEED, 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

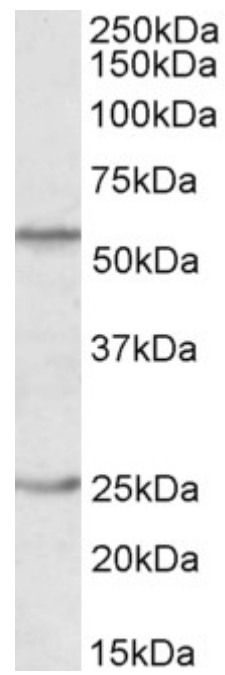
Peptide ELISA: antibody detection limit dilution 1:64000.

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.

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.