EB10019 - Goat Anti-POU2F1 / OCT1 Antibody
Size: 100µg specific antibody in 200µl

Target Protein
Principal Names: OCT1, Octamer-binding transcription factor-1, OTF1, OTTHUMP00000032348, POU class 2 homeobox 1, POU domain, class 2, transcription factor 1, POU2F1
Official Symbol: POU2F1
Accession Number(s): NP_002688.2
Human GeneID(s): 5451

Immunogen
Peptide with sequence C-NVQSKSNEESGDSQQ, from the internal region (near N Terminus) of the protein sequence according to NP_002688.2.

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.
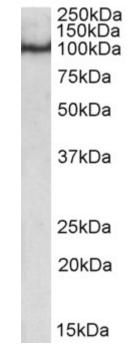Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested
Peptide ELISA: antibody detection limit dilution 1:4000.
Western blot: Approx 100kDa band observed in nuclear lysates of cell line HeLa (calculated MW of 76.5kDa according to NP_002688.2). This molecular weight is routinely observed by other sources. Recommended concentration: 0.5-2µg/ml.

Species Reactivity
Tested: Human
Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow, Pig

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

EB10019 (0.5µg/ml) staining of nuclear HeLa lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.