

#### **International Office**

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# 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

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