



EB06852 - Goat Anti-OCT4 / POU5F1 Antibody

Size: 100µg specific antibody in 200µl



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

Target Protein

Principal Names: POU5F1 antibody, OTF4 antibody, POU domain, class 5, transcription factor 1 antibody, HGNC:9221 antibody, MGC22487 antibody, OCT3 antibody, OTF3 antibody, POU-type homeodomain-containing DNA-binding protein antibody, octamer-binding transcription factor-3 antibody, POU class 5 homeobox 1 antibody, DADB-104B20.2 antibody, OCT4 antibody, POU domain, class 5, transcription factor 1 antibody

Official Symbol: POU5F1

Accession Number(s): NP_002692.2; NP_976034.3

Human GeneID(s): [5460](#)

Non-Human GeneID(s): 18999 (mouse), 294562 (rat)

Important Comments: This antibody is expected to recognise both reported isoforms (NP_002692.2 and NP_976034.3)

Immunogen

Peptide with sequence C-VTTLGSPMHSN, from the C Terminus of the protein sequence according to NP_002692.2; NP_976034.3.

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 1:16000.

Western blot: Approx 38kDa band observed in Human Liver lysates (calculated MW of 38.6kDa according to NP_002692.2). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

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



EB06852 (1µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.