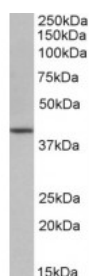




## POU5F1 Antibody

CATALOG NUMBER: 42-580



Western Blot (1ug/ml) staining of NIH3T3 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### Specifications

<b>SPECIES REACTIVITY:</b>	Mouse
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: antibody detection limit dilution 1:16000. Western Blot: Approx 40kDa band observed in lysates of cell line NIH3T3 (calculated MW of 38.2kDa according to NP_038661.2). Recommended concentration: 1-3ug/ml.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1282 - 3T3 (NIH) Cell Lysate
<b>IMMUNOGEN:</b>	POU5F1 antibody was raised against a 13 amino acid synthetic peptide near the internal region of POU5F1 (mouse).
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	POU5F1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	POU5F1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	Pou5f1, POU domain, class 5, transcription factor 1, Otf-4, Otf4, Otf3-rs7, Otf3g, Otf-3, Otf3, Oct-4, Oct4, Oct-3/4, Oct3/4, Oct-3, Oct3
<b>ACCESSION NO.:</b>	NP_038661.2
<b>PROTEIN GI NO.:</b>	125490392
<b>OFFICIAL SYMBOL:</b>	POU5F1

GENE ID: 18999 (mouse);

Background

FOR RESEARCH USE ONLY

December 13, 2016