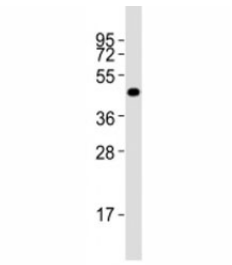
# Pou5f1 Antibody (F53327)

| Catalog No. | Formulation | Size |
|---|---|---|
| F53327-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F53327-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Mouse |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Antigen affinity |
| **UniProt** | P20263 |
| **Applications** | Western blot: 1:1000-2000 |
| **Limitations** | This Pou5f1 antibody is available for research use only. |




Western blot testing of Pou5f1 antibody at 1:2000 dilution + F9 lysate; Predicted molecular weight ~38/30kDa (isoform A/B), commonly observed at 38-45 kDa.

## Description

Transcription factor that binds to the octamer motif (5'-ATTTGCAT-3'). Forms a trimeric complex with SOX2 on DNA and controls the expression of a number of genes involved in embryonic development such as YES1, FGF4, UTF1 and ZFP206. Critical for early embryogenesis and for embryonic stem cell pluripotency.

## Application Notes

Titration of the Pou5f1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

This mouse Pou5f1 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 86-119 amino acids from the N-terminal region of mouse Pou5f1.

## Storage

Aliquot the Pou5f1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.


Copyright © NSJ Bioreagents. All rights reserved.