

POU2F1

Reactivity:Human Mouse Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW:76kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human POU2F1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

k

Synonym:

OCT1; OTF1;

Catalog #:A1682

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:5451

Isotype:IgG

Swiss Prot:P14859

Purity:Affinity purification

For research use only.

Background:

Oct-1 (POU2F1) is a ubiquitously expressed, octamer-binding transcription factor containing a POU domain with a homeobox subdomain (1). Oct-1 has been shown to interact with several transcription factors in mediating specific gene expression, including SNAPc (2), OBF-1 (a B-cell transcriptional coactivator protein) (3), TFIIB (4), and TBP (TATA-box-binding protein) (5). Its POU DNA-binding domain allows Oct-1 the flexibility to facilitate the binding and recruitment of several tissue-specific cofactors to either positively or negatively regulate a variety of genes, exerting an important role in development (6).

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