

POU2F1 / OCT1 Antibody (internal region, near N-Term)
Peptide-affinity purified goat antibody
Catalog # AF3195a

Specification

POU2F1 / OCT1 Antibody (internal region, near N-Term) - Product Information

Application	WB, E
Primary Accession	P14859
Other Accession	NP_002688.2 , 5451
Reactivity	Human
Predicted	Mouse, Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	76472

POU2F1 / OCT1 Antibody (internal region, near N-Term) - Additional Information

Gene ID 5451

Other Names

POU domain, class 2, transcription factor 1, NF-A1, Octamer-binding protein 1, Oct-1, Octamer-binding transcription factor 1, OTF-1, POU2F1, OCT1, OTF1

Dilution

WB~~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

POU2F1 / OCT1 Antibody (internal region, near N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

POU2F1 / OCT1 Antibody (internal region, near N-Term) - Protein Information

Name POU2F1

Synonyms OCT1, OTF1

Function

Transcription factor that binds to the octamer motif (5'- ATTTGCAT-3') and activates the promoters of the genes for some small nuclear RNAs (snRNA) and of genes such as those for histone H2B and immunoglobulins. Modulates transcription transactivation by NR3C1, AR and PGR.

Cellular Location

Nucleus.

Tissue Location

Ubiquitous. Isoform 2 is lymphocyte-specific.

POU2F1 / OCT1 Antibody (internal region, near N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

POU2F1 / OCT1 Antibody (internal region, near N-Term) - Images

AF3195a (0.5 µg/ml) staining of nuclear HeLa lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

POU2F1 / OCT1 Antibody (internal region, near N-Term) - References

POU homeodomain protein Oct-1 functions as a sensor for cyclic AMP. Wang P, Wang Q, Sun J, Wu J, Li H, Zhang N, Huang Y, Su B, Li RK, Liu L, Zhang Y, Elsholtz HP, Hu J, Gaisano HY, Jin T, The Journal of biological chemistry 2009 Sep 284 (39): 26456-65. PMID: 19617623