10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

POU2F2 / OCT2 Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3197a

Specification

POU2F2 / OCT2 Antibody (internal region) - Product Information

Application	**WB**
Primary Accession	P09086
Other Accession	NP_002689.1, 5452
Reactivity	**Human**
Predicted	**Mouse, Rat, Pig, Dog**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**51209**

POU2F2 / OCT2 Antibody (internal region) - Additional Information

Gene ID 5452

Other Names
POU domain, class 2, transcription factor 2, Lymphoid-restricted immunoglobulin octamer-binding protein NF-A2, Octamer-binding protein 2, Oct-2, Octamer-binding transcription factor 2, OTF-2, POU2F2, OCT2, OTF2

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
POU2F2 / OCT2 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

POU2F2 / OCT2 Antibody (internal region) - Protein Information

Name POU2F2 (HGNC:9213)

Synonyms OCT2, OTF2

Function
Transcription factor that specifically binds to the octamer motif (5'-ATTTGCAT-3') (PubMed:2904654, PubMed:7859290). Regulates IL6

expression in B cells with POU2AF1 (By similarity). Regulates transcription in a number of tissues in addition to activating immunoglobulin gene expression (PubMed:2901913, PubMed:2904654). Modulates transcription transactivation by NR3C1, AR and PGR (PubMed:10480874).

Cellular Location
Cytoplasm. Nucleus.

Tissue Location
Isoform 3 is B-cell specific. Isoform 5 is expressed in B-cells and the immunoglobulin-expressing T-cell line MOLT-4, but not in the T-cell line BW5147.

POU2F2 / OCT2 Antibody (internal region) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

POU2F2 / OCT2 Antibody (internal region) - Images



AF3197a (0.5 µg/ml) staining of Human Thymus lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

POU2F2 / OCT2 Antibody (internal region) - References

Functional long-range interactions of the IgH 3' enhancers with the bcl-2 promoter region in t(14;18) lymphoma cells. Duan H, Xiang H, Ma L, Boxer LM, Oncogene 2008 Dec 27 (53): 6720-8. PMID: 18695675