

**POU2F2 / OCT2 Antibody (N-Term)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF3196a****Specification**

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**POU2F2 / OCT2 Antibody (N-Term) - Product Information**

|                   |                                                    |
|-------------------|----------------------------------------------------|
| Application       | WB                                                 |
| Primary Accession | <a href="#">P09086</a>                             |
| Other Accession   | <a href="#">NP_002689.1</a> , <a href="#">5452</a> |
| Reactivity        | Human, Mouse                                       |
| Predicted         | Rat, Pig, Dog                                      |
| Host              | Goat                                               |
| Clonality         | Polyclonal                                         |
| Concentration     | 0.5 mg/ml                                          |
| Isotype           | IgG                                                |
| Calculated MW     | 51209                                              |

**POU2F2 / OCT2 Antibody (N-Term) - 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 (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**POU2F2 / OCT2 Antibody (N-Term) - Protein Information****Name** POU2F2 ([HGNC:9213](#))**Synonyms** OCT2, OTF2**Function**

Transcription factor that specifically binds to the octamer motif (5'-ATTTGCAT-3') (PubMed:<a href="http://www.uniprot.org/citations/2904654" target="\_blank">2904654</a>, PubMed:<a href="http://www.uniprot.org/citations/7859290" target="\_blank">7859290</a>). 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:<a href="http://www.uniprot.org/citations/2901913" target="\_blank">2901913</a>, PubMed:<a href="http://www.uniprot.org/citations/2904654" target="\_blank">2904654</a>). Modulates transcription transactivation by NR3C1, AR and PGR (PubMed:<a href="http://www.uniprot.org/citations/10480874" target="\_blank">10480874</a>).

#### 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 (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](#)

### POU2F2 / OCT2 Antibody (N-Term) - Images



AF3196a (0.1 µg/ml) staining of Human Tonsil lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### POU2F2 / OCT2 Antibody (N-Term) - 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