

POU2F1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP18315a

Specification

POU2F1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [P14859](#)

POU2F1 Antibody (N-term) Blocking Peptide - 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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

POU2F1 Antibody (N-term) Blocking Peptide - 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 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

POU2F1 Antibody (N-term) Blocking Peptide - Images

POU2F1 Antibody (N-term) Blocking Peptide - Background

The OCT1 transcription factor was among the first identified members of the POU transcription factor family (summarized by Sturm et al., 1993 [PubMed 8314572]). Members of this family contain the POU domain, a 160-amino acid region necessary for DNA binding to the octameric sequence ATGCAAAT.

POU2F1 Antibody (N-term) Blocking Peptide - References

Vuzman, D., et al. Biophys. J. 99(4):1202-1211(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Davila, S., et al. Genes Immun. 11(3):232-238(2010) Laurent, B., et al. Blood 115(3):687-695(2010) Becker, M.L., et al. Pharmacogenet. Genomics 20(1):38-44(2010)