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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 firstidentified members of the POU transcription factor family(summarized by Sturm et al., 1993 [PubMed 8314572]). Members ofthis family contain the POU domain, a 160-amino acid regionnecessary for DNA binding to the octameric sequenceATGCAAAT.

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)