

POU6F2 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP12281a

Specification

POU6F2 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [P78424](#)

POU6F2 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 11281

Other Names

POU domain, class 6, transcription factor 2, Retina-derived POU domain factor 1, RPF-1, POU6F2, RPF1

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.

POU6F2 Antibody (N-term) Blocking peptide - Protein Information

Name POU6F2

Synonyms RPF1

Function

Probable transcription factor likely to be involved in early steps in the differentiation of amacrine and ganglion cells. Recognizes and binds to the DNA sequence 5'-ATGCAAAT-3'. Isoform 1 does not bind DNA.

Cellular Location

Nucleus.

Tissue Location

Expressed only within the CNS, where its expression is restricted to the medial habenulla, to a dispersed population of neurons in the dorsal hypothalamus, and to subsets of ganglion and amacrine cells in the retina.

POU6F2 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

POU6F2 Antibody (N-term) Blocking peptide - Images

POU6F2 Antibody (N-term) Blocking peptide - Background

This gene encodes a member of the POU protein family characterized by the presence of a bipartite DNA binding domain, consisting of a POU-specific domain and a homeodomain, separated by a variable polylinker. The DNA binding domain may bind to DNA as monomers or as homo- and/or heterodimers, in a sequence-specific manner. The POU family members are transcriptional regulators, many of which are known to control cell type-specific differentiation pathways. This gene is a tumor suppressor involved in Wilms tumor (WT) predisposition. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

POU6F2 Antibody (N-term) Blocking peptide - References

Anney, R., et al. Hum. Mol. Genet. 19(20):4072-4082(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) ; Joslyn, G., et al. Alcohol. Clin. Exp. Res. 34(5):800-812(2010) Di Renzo, F., et al. J. Pediatr. Hematol. Oncol. 28(12):791-797(2006) Perotti, D., et al. J. Pediatr. Hematol. Oncol. 27(10):521-525(2005)