

POU6F2 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12281a

Specification

POU6F2 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	P78424
Other Accession	NP_001159490.1 , NP_009183.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	73265
Antigen Region	34-61

POU6F2 Antibody (N-term) - Additional Information

Gene ID 11281

Other Names

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

Target/Specificity

This POU6F2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 34-61 amino acids from the N-terminal region of human POU6F2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

POU6F2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

POU6F2 Antibody (N-term) - 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

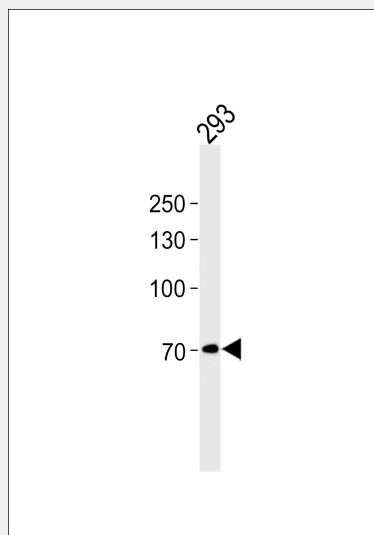
Expressed only within the CNS, where its expression is restricted to the medial habenulla, to a dispersed population of neurons in the dorsal hypothalamus, and to subsets of ganglion and amacrine cells in the retina.

POU6F2 Antibody (N-term) - 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](#)

POU6F2 Antibody (N-term) - Images



POU6F2 Antibody (N-term) (Cat. #AP12281a) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the POU6F2 antibody detected the POU6F2 protein (arrow).

POU6F2 Antibody (N-term) - 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) - 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)
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