

POU6F1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16432a

Specification

POU6F1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q14863
Other Accession	P56223 , NP_002693.3
Reactivity	Human
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	63068
Antigen Region	56-85

POU6F1 Antibody (N-term) - Additional Information

Gene ID 5463

Other Names

POU domain, class 6, transcription factor 1, Brain-specific homeobox/POU domain protein 5, Brain-5, Brn-5, mPOU homeobox protein, POU6F1, BRN5, MPOU, TCFB1

Target/Specificity

This POU6F1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 56-85 amino acids from the N-terminal region of human POU6F1.

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

POU6F1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

POU6F1 Antibody (N-term) - Protein Information

Name POU6F1

Synonyms BRN5, MPOU, TCFB1

Function Transcription factor that binds preferentially to a variant of the octamer motif (5'-ATGATAAT-3').

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108, ECO:0000255|PROSITE-ProRule:PRU00530}

Tissue Location

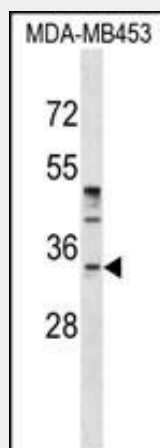
In the embryo, expressed exclusively in the developing brain, whereas in the adult its expression is restricted to brain, heart, skeletal muscle and lung. In the brain, the highest expression levels are found in specific cell layers of the cortex, the olfactory bulb, the hippocampus and the cerebellum

POU6F1 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](#)

POU6F1 Antibody (N-term) - Images



POU6F1 Antibody (N-term) (Cat. #AP16432a) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the POU6F1 antibody detected the POU6F1 protein (arrow).

POU6F1 Antibody (N-term) - Background

Transcription factor that binds preferentially to a variant of the octamer motif (5'-ATGATAAT-3') (By similarity).

POU6F1 Antibody (N-term) - References

Suzuki, N., et al. Int. J. Gynecol. Cancer 20(2):212-219(2010)

Yoshioka, N., et al. Hum. Cell 22(4):94-100(2009)

Pereira, J.H., et al. J. Struct. Biol. 167(2):159-165(2009)

Pereira, J.H., et al. Acta Crystallogr. Sect. F Struct. Biol. Cryst. Commun. 64 (PT 3), 175-178 (2008) :

Abdel-Rahman, B., et al. Hum. Reprod. 10(10):2787-2792(1995)