

POU5F2 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16873c

Specification

POU5F2 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q8N7G0
Other Accession	NP_694948.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	36051
Antigen Region	203-231

POU5F2 Antibody (Center) - Additional Information

Gene ID 134187

Other Names

POU domain, class 5, transcription factor 2, Sperm 1 POU domain transcription factor, SPRM-1, POU5F2, SPRM1

Target/Specificity

This POU5F2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 203-231 amino acids from the Central region of human POU5F2.

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

POU5F2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

POU5F2 Antibody (Center) - Protein Information

Name POU5F2

Synonyms SPRM1

Function Transcription factor that binds preferentially to the octamer motif (5'-ATGTTAAT-3'). May exert a regulatory function in meiotic events that are required for terminal differentiation of male germ cell (By similarity).

Cellular Location

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

Tissue Location

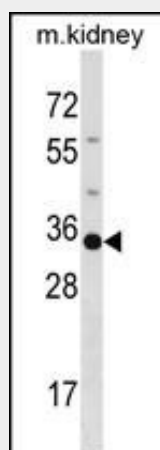
Expressed in skeletal and cardiac muscles, brain, heart and lung. Little or no detectable expression found in pancreas, kidney, liver or placenta.

POU5F2 Antibody (Center) - Protocols

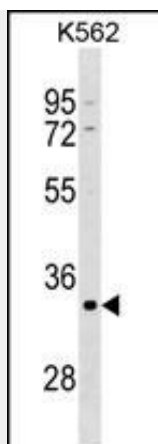
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

POU5F2 Antibody (Center) - Images



POU5F2 Antibody (Center) (Cat. #AP16873c) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the POU5F2 antibody detected the POU5F2 protein (arrow).



POU5F2 Antibody (Center) (Cat. #AP16873c) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the POU5F2 antibody detected the POU5F2 protein (arrow).

POU5F2 Antibody (Center) - Background

Transcription factor that binds preferentially to the octamer motif (5'-ATGTTAAT-3'). May exert a regulatory function in meiotic events that are required for terminal differentiation of male germ cell (By similarity).

POU5F2 Antibody (Center) - References

Wey, E., et al. Eur. J. Biochem. 220(3):753-762(1994)