

POU5F1B Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21021a

Specification

POU5F1B Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q06416
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	38588

POU5F1B Antibody (N-term) - Additional Information

Gene ID 5462

Other Names

Putative POU domain, class 5, transcription factor 1B, Oct4-pg1, Octamer-binding protein 3-like, Octamer-binding transcription factor 3-like, POU5F1B

Target/Specificity

This POU5F1B antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 102-135 amino acids from the N-terminal region of human POU5F1B.

Dilution

WB~~1:500

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

POU5F1B Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

POU5F1B Antibody (N-term) - Protein Information

Name POU5F1B

Function Shows weak transcriptional activator activity.

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108, ECO:0000255|PROSITE-ProRule:PRU00530, ECO:0000269|PubMed:18949397} Cytoplasm

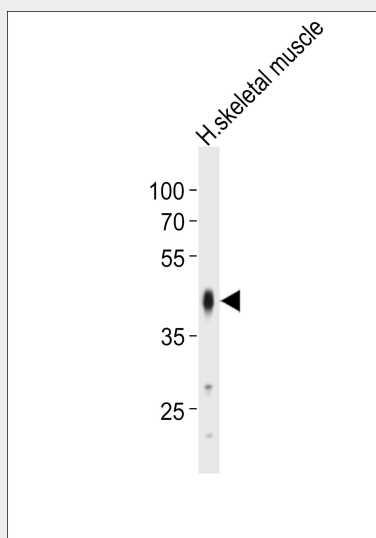
Tissue Location

Detected in epithelial cells of the prostate (at protein level) (PubMed:20017164). Detected at the mRNA level in several cancer tissues (breast, uterine cervix, lung, thyroid gland, esophagus, colon, urinary bladder, and glioma) (PubMed:16229821, PubMed:21341266)

POU5F1B 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](#)

POU5F1B Antibody (N-term) - Images

Western blot analysis of lysate from human skeletal muscle tissue lysate, using POU5F1B Antibody (N-term)(Cat. #AP21021a). AP21021a was diluted at 1:500. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

POU5F1B Antibody (N-term) - Background

Shows weak transcriptional activator activity.

POU5F1B Antibody (N-term) - References

Takeda J.,et al.Nucleic Acids Res. 20:4613-4620(1992).
Marques A.C.,et al.PLoS Biol. 3:E357-E357(2005).
van Roozendaal K.E.P.,et al.Submitted (MAY-2000) to the EMBL/GenBank/DDBJ databases.

Zhao F.-Q., et al. Submitted (APR-2006) to the EMBL/GenBank/DDBJ databases.

Zhao S., et al. Submitted (AUG-2010) to the EMBL/GenBank/DDBJ databases.