

P5F1B Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP10822b

Specification

P5F1B Antibody (C-term) Blocking peptide - Product Information

Primary Accession [Q06416](#)

P5F1B Antibody (C-term) Blocking peptide - 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

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.

P5F1B Antibody (C-term) Blocking peptide - 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}

Tissue Location

Detected at the mRNA level in several cancer tissues (breast, uterine cervix, lung, thyroid gland, esophagus, colon, urinary bladder, and glioma), but absent in normal tissues

P5F1B Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

P5F1B Antibody (C-term) Blocking peptide - Images**P5F1B Antibody (C-term) Blocking peptide - Background**

This intronless gene was thought to be a transcribed pseudogene of POU class 5 homeobox 1, however, it has been reported that this gene can encode a functional protein. The encoded protein is nearly the same length as and highly similar to the POU class 5 homeobox 1 transcription factor, has been shown to be a weak transcriptional activator and may play a role in carcinogenesis and eye development.

P5F1B Antibody (C-term) Blocking peptide - References

Kastler, S., et al. Prostate 70(6):666-674(2010) White, K.L., et al. Twin Res Hum Genet 13(1):43-56(2010) Crowther-Swanepoel, D., et al. Nat. Genet. 42(2):132-136(2010) Gudmundsson, J., et al. Nat. Genet. 41(10):1122-1126(2009) Panagopoulos, I., et al. Oncol. Rep. 20(5):1029-1033(2008)