

PPAN Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13950b**Specification**

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

Primary Accession [O9NQ55](#)

PPAN Antibody (C-term) Blocking peptide - Additional Information

Gene ID 56342;692312

Other Names

Suppressor of SWI4 1 homolog, Ssf-1, Brix domain-containing protein 3, Peter Pan homolog, PPAN, BXDC3, SSF1

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13950b was selected from the C-term region of PPAN. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

PPAN Antibody (C-term) Blocking peptide - Protein Information

Name PPAN

Synonyms BXDC3, SSF1

Function

May have a role in cell growth.

Cellular Location

Nucleus, nucleolus.

Tissue Location

Widely expressed.

PPAN Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

PPAN Antibody (C-term) Blocking peptide - Images

PPAN Antibody (C-term) Blocking peptide - Background

The protein encoded by this gene is an evolutionarily conserved protein similar to yeast SSF1 as well as to the gene product of the *Drosophila* gene *peter pan* (*ppan*). SSF1 is known to be involved in the second step of mRNA splicing. Both SSF1 and *ppan* are essential for cell growth and proliferation. Exogenous expression of this gene was reported to reduce the anchorage-independent growth of some tumor cells. Read-through transcription of this gene with P2RY11/P2Y(11), an adjacent downstream gene that encodes an ATP receptor, has been found. These read-through transcripts are ubiquitously present and up-regulated during granulocyte differentiation.

PPAN Antibody (C-term) Blocking peptide - References

Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
Nousiainen, M., et al. Proc. Natl. Acad. Sci. U.S.A. 103(14):5391-5396(2006)
Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)
Duhant, X., et al. J. Immunol. 169(1):15-21(2002)