

PPAN Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13950b

Specification

PPAN Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9NQ55
Other Accession	NP_001035754.1 , NP_064615.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	53194
Antigen Region	422-450

PPAN Antibody (C-term) - 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

This PPAN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 422-450 amino acids from the C-terminal region of human PPAN.

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

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

PPAN Antibody (C-term) - Protein Information

Name PPAN

Synonyms BXDC3, SSF1

Function May have a role in cell growth.

Cellular Location
Nucleus, nucleolus.

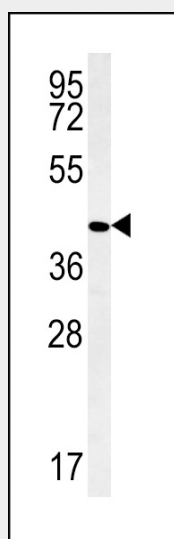
Tissue Location
Widely expressed.

PPAN Antibody (C-term) - 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](#)

PPAN Antibody (C-term) - Images



PPAN Antibody (C-term) (Cat. #AP13950b) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the PPAN antibody detected the PPAN protein (arrow).

PPAN Antibody (C-term) - 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) - 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)