

DNAxPAb

Hard-to-Find  
Antibody

# PPAN DNAxPab

Catalog # H00056342-W01P

Size 200 ug

## Specification

**Product Description** Rabbit polyclonal antibody raised against a full-length human PPAN DNA using DNAx™ Immune technology.

**Technology** [DNAx™ Immune](#)

**Immunogen** Full-length human DNA

**Sequence** MGQSGRSRHHQKRARAQAQLRNLEAYAANPHSFVFTRGCTGRNIRQLSLDVRRVMEPLTASRLQV  
RKKNSLKDCVAVAGPLGVTHFLILSKTETNVYFKLMRLPGGPTLTFQVKKYSLVRDVVSSLRRHR  
MHEQQFAHPPLLVLNSFGPHGMHVKLMATMFQNLFPSINVHKVNLNTIKRCLLDYNPDSQELDFR  
HYSIKVVPVGASRGMKKLLQEKFPMNSRLQDISELLATGAGLSESEAEPDGDHNITELPQAVAGR  
GNMRAQQSAVRLTEIGPRMTLQLIKVQEGVGEGKVMFHSFVSKTEELQAILEAKEKKLRLKAQR  
QAQQAQNVQRKQEQREAHRKKSLEGMKKARVGGSDDEASGIPSRATSELEGGDDDEQEDDDIE  
YFCQAVGEAPSEDLFPEAKQKRLAKSPGRKRKRWEMDRGRGRLCDQKFPKTKDKSQGAQARR  
GPRGASRDGGRGRGRGRPGKRVA

**Host** Rabbit

**Reactivity** Human

**Purification** Protein A

**Quality Control Testing** Antibody reactive against mammalian transfected lysate.

**Storage Buffer** In 1x PBS, pH 7.4

**Storage Instruction** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — PPAN

Entrez GeneID [56342](#)

GeneBank Accession# [BC009833](#)

Protein Accession# [no protein\\_acc](#)

Gene Name PPAN

Gene Alias BXDC3, MGC14226, MGC45852, SSF, SSF1, SSF2

Gene Description peter pan homolog (Drosophila)

Omim ID [607793](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

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. This gene was found to cotranscript with P2RY11/P2Y(11), an immediate downstream gene on the chromosome that encodes a ATP receptor. The chimeric transcripts of this gene and P2RY11 were found to be ubiquitously present and regulated during granulocytic differentiation. Exogenous expression of this gene was reported to reduce the anchorage-independent growth of some tumor cells. [provided by RefSeq]

**Other Designations**

homolog of S. cerevisiae SSF1|peter pan homolog|second-step splicing factor 1|suppressor of SW4 1 homolog|suppressor of sterile four 1