

**SARNP Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16466c****Specification**

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**SARNP Antibody (Center) Blocking Peptide - Product Information**Primary Accession [P82979](#)**SARNP Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 84324**Other Names**

SAP domain-containing ribonucleoprotein, Cytokine-induced protein of 29 kDa, Nuclear protein Hcc-1, Proliferation-associated cytokine-inducible protein CIP29, SARNP, HCC1

**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.

**SARNP Antibody (Center) Blocking Peptide - Protein Information****Name** SARNP**Synonyms** HCC1**Function**

Binds both single-stranded and double-stranded DNA with higher affinity for the single-stranded form. Specifically binds to scaffold/matrix attachment region DNA. Also binds single-stranded RNA. Enhances RNA unwinding activity of DDX39A. May participate in important transcriptional or translational control of cell growth, metabolism and carcinogenesis. Component of the TREX complex which is thought to couple mRNA transcription, processing and nuclear export, and specifically associates with spliced mRNA and not with unspliced pre-mRNA. TREX is recruited to spliced mRNAs by a transcription-independent mechanism, binds to mRNA upstream of the exon-junction complex (EJC) and is recruited in a splicing- and cap-dependent manner to a region near the 5' end of the mRNA where it functions in mRNA export to the cytoplasm via the TAP/NFX1 pathway. The TREX complex is essential for the export of Kaposi's sarcoma-associated herpesvirus (KSHV) intronless mRNAs and infectious virus production.

**Cellular Location**

Nucleus. Nucleus speckle.

**Tissue Location**

Low expression in spleen, liver, pancreas, testis, thymus, heart, and kidney. Increased levels are seen in hepatocellular carcinoma and pancreatic adenocarcinoma.

**SARNP Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**SARNP Antibody (Center) Blocking Peptide - Images****SARNP Antibody (Center) Blocking Peptide - Background**

This gene encodes a protein that is upregulated in response to various cytokines. The encoded protein may play a role in cell cycle progression. A translocation between this gene and the myeloid/lymphoid leukemia gene, resulting in expression of a chimeric protein, has been associated with acute myelomonocytic leukemia. Pseudogenes exist on chromosomes 7 and 8. Alternatively spliced transcript variants have been described. [provided by RefSeq].

**SARNP Antibody (Center) Blocking Peptide - References**

Sugiura, T., et al. Exp. Cell Res. 313(4):782-790(2007) Leaw, C.L., et al. Cell. Mol. Life Sci. 61(17):2264-2273(2004) Hashii, Y., et al. Leukemia 18(9):1546-1548(2004) Fukuda, S., et al. Biochem. Biophys. Res. Commun. 292(3):593-600(2002) Choong, M.L., et al. FEBS Lett. 496 (2-3), 109-116 (2001) :