

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



NIPP1 Peptide

Cat No.: BS5825P

Background

NIPP1 (nuclear inhibitor of protein phosphatase 1) is a putative transcription regulator that may be involved in pre-mRNA splicing and cell proliferation. NIPP1 contains a nuclear signaling region named FHA (fork-head associated) domain. The FHA domain has been associated with protein kinases and transcription factors. The NIPP1 locus encodes for three different isoforms termed α , β and γ due to alternative splicing events. The isoforms exhibit RNA binding activity and also act as phosphatase inhibitors. The γ isoform is believed to be a magnesium dependent endoribonuclease that is responsible for cleaving RNA strands. It is mainly found in B cells and T lymphocytes. The α and β isoforms are localized in the brain and kidney. Inactivation of NIPP1 is accomplished by the phosphorylation of Ser 199 or Ser 204. NIPP1 interacts with proteins CDc5L, SAP 155, MELK and EED.

Swiss-Prot

Q12972

Applications

Blocking

Specificity

This peptide can be used with studies using BS5825 NIPP1 pAb.

Purification & Purity

Synthetic peptide NIPP1. (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.