

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



NIPA (S350) Peptide

Cat No.: BS1847P

Background

Entry into mitosis is essentially driven by cyclin B1 which is located in the cytoplasm throughout interphase, but accumulates in the nucleus just before mitosis occurs. Nuclear Interaction Partner of ALK (NIPA) plays a critical role in cyclin B1 regulation. NIPA is normally phosphorylated during G2 and M phases, resulting in an accumulation of cyclin B1. When NIPA sheds its attached phosphate, it binds to SCF to form the SCFNIPA complex, a member of the E3 ubiquitin ligases, which ubiquitinates cyclin B1, thereby targeting it to the proteasome for degradation.

Swiss-Prot

Q86WB0

Applications

Blocking

Specificity

This peptide can be used with studies using BS1847 NIPA (S350) pAb.

Purification & Purity

Synthetic peptide NIPA (S350). (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.