Bioworld Technology CO., Ltd.

p-PIN1 (S16) Peptide

Cat No.: BS4860P

Background

NIMA was originally shown in Aspergillus nidulans to be necessary for entry into mitosis. NIMA-related mammalian proteins have since been identified as Nek1, Nek2 and Nek3. High expression of Nek1 is seen in male and female germ cell lines of mouse. Nek2 is the closest known mammalian relative to NIMA. Like NIMA, Nek2 expression peaks at the G2 to M phase transition. Pin1 was originally identified as a NIMA-interacting protein. Pin1 is a peptidyl-prolyl cis/trans isomerase (PPIase), which specifically binds to phosphoserine-proline or phosphothreonine-proline bonds in mitotic phosphoproteins. While previously identified PPIases have been shown to be involved in protein folding, assembly and transport, Pin1 is the first PPIase to be identified as a required protein for cell viability.

Swiss-Prot

Q13526

Applications

Blocking

Specificity

This peptide can be used with studies using BS4860 p-PIN1 (S16) pAb.

Purification & Purity

Synthetic peptide p-PIN1 (S16). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

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

Research Use

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

Bioworld Technology, Inc.
1660 South Highway 100, Suite 500 St. Louis Park,MN 55416,USA. **Email: info@bioworlde.com**
Tel: 6123263284 **Fax: 6122933841**

Bioworld technology, co, Ltd.
No 9, weidi road Qixia District Nanjing, 210046, P, R.China. **Email: info@biogot.com**
Tel: +86-025-68037686 **Fax:+86-025-68035151**