

PRODUCT DATA SHEET



Bioworld Technology CO., Ltd.

p-Nek9(T210) Peptide

Cat No.: AP0348P

Background

Nek9 [NIMA (never in mitosis gene a)- related kinase 9], also known as serine/threonine-protein kinase Nek9, NERCC, NERCC1, MGC16714, MGC138306 or DKFZp434D0935, is a 979 amino acid protein that localizes to cytoplasm and nucleus. Highly expressed in liver, heart, kidney and testis, Nek9 is also expressed at lower levels in fibroblasts and smooth muscle cells. Nek9 regulates G1/S transition and S phase progression by influencing spindle dynamics and chromosome separation. Nek9 phosphorylates different histones (Histone H3 on serine and threonine), myelin basic protein, beta-casein (serine) and BICD2. Nek9 interacts with Ran GTPase, Nek6, Nek7, BICD2, SSRP1 and SUPT16H/FACT complex.

Swiss-Prot

Q8TD19

Applications

Blocking

Specificity

This peptide can be used with studies using AP0348 p-Nek9(T210) pAb.

Purification & Purity

Synthetic peptide p-Nek9(T210). (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.