

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### DNA-PKCS (R4090)Peptide

Cat No.: BS1092P

#### Background

The PIK-related kinases include Atm, DNA-PKCS and FRAP. These proteins have in common a region of homology at their carboxy termini that is not present in the PI 3- and PI 4-kinases. DNA-PK is a heterotrimeric DNA binding enzyme that is composed of a large subunit, DNA-PKCS, and two smaller subunits collectively known as Ku. The loss of DNA-PK leads to defects in DSB repair and V(D)J recombination. FRAP can autophosphorylate on serine and bind to Rapamycin/FKBP.

#### Swiss-Prot

P78527

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1092 DNA-PKCS (R4090)pAb.

#### Purification & Purity

Synthetic peptide DNA-PKCS (R4090). (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.