

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



ANP32C Peptide

Cat No.: BS5864P

Background

ANP32C (acidic (leucine-rich) nuclear phosphoprotein 32 family, member C), also known as PP32R1 (phosphoprotein 32-related protein 1) or tumorigenic protein pp32r1, is a 234 amino acid protein that contains 4 leucine-rich repeats and belongs to the ANP32 family. ANP32C shares 87.7% amino acid sequence identity with ANP32A, a tumor suppressor that inhibits a variety of cancers, such as prostate and breast cancers. Although similar to ANP32A, ANP32C is tumorigenic and is expressed in activated stem cells, such as mobilized CD34+ cells and cord blood CD34+ cells, but not in resting bone marrow CD34+ cells. ANP32C is also expressed in a variety of neoplastic cell lines, mainly in prostatic adenocarcinoma cell lines, but not in normal prostatic tissue, and may also modulate the oncogenic potential of human prostate cancer.

Swiss-Prot

O43423

Applications

Blocking

Specificity

This peptide can be used with studies using BS5864 ANP32C pAb.

Purification & Purity

Synthetic peptide ANP32C. (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.