

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Arfaptin 1 (K314) Peptide

Cat No.: BS3076P

#### Background

Arfaptin 1 is an ARF binding protein that inhibits PLD activation, vesicular trafficking and secretion. In the present report, we show that arfaptin 1 interacts with 'high speed' membranes independently of ARF. However, addition of myristoylated ARF3 (myrARF3) increases the association of arfaptin 1 with the membranes, suggesting that arfaptin 1 and ARF form a complex on the Golgi. Utilizing several deletion mutants of arfaptin 1 it is shown that the association of arfaptin 1 with myrARF3 is mediated via two binding sites on arfaptin 1. These two domains are needed for arfaptin 1 inhibition of PLD activation by myrARF3 in vitro.

#### Swiss-Prot

P53367

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3076 Arfaptin 1 (K314) pAb.

#### Purification & Purity

Synthetic peptide Arfaptin 1 (K314). (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.