

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### TRIB3 Peptide

Cat No.: BS60451P

#### Background

TRB-3 (tribbles 3), also called NIPK (neuronal cell death-inducible protein kinase) disrupts insulin signaling by binding directly to Akt kinases and blocking their activation. TRB3 binds to ATF4, inhibiting its transcriptional activation activity, and regulates activation of MAP kinases. In the liver, TRB-3 is a target for PPAR-alpha. Amounts of TRB3 RNA and protein are higher in livers of diabetic mice compared with those in wildtype mice. TRB3 contributes to insulin resistance in individuals with susceptibility to type II diabetes. Highest expression of TRB-3 is in liver, pancreas, peripheral blood leukocytes and bone marrow.

#### Swiss-Prot

Q96RU7

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS60451 TRIB3 pAb.

#### Purification & Purity

Synthetic peptide TRIB3. (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.

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