

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### p-AMPK $\beta$ 1 (S182) Peptide

Cat No.: BS5004P

#### Background

AMPK $\beta$ 1 is a member of the SNF1 kinase family. It is a heterotrimeric protein comprising of an alpha (catalytic), beta (non-catalytic) and gamma (non-catalytic) subunits, 63, 38 and 38kDa respectively. AMPK $\beta$ 1 regulates fatty acid and sterol synthesis by phosphorylation of acetyl-coA. It also regulates cholesterol synthesis via phosphorylation and in-activation of hydroxymethylglutaryl-CoA reductase. Two isoforms of AMPK $\beta$ 1 have been found.

#### Swiss-Prot

Q9Y478

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS5004 p-AMPK $\beta$ 1 (S182) pAb.

#### Purification & Purity

Synthetic peptide p-AMPK $\beta$ 1 (S182). (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.