

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### p-FKHR/FOXO1A (S256) Peptide

Cat No.: BS5017P

#### Background

FOXO1A (FKHR or ForkHead in Rhabdomyosarcoma) is a 70 kDa protein which is a member of a subfamily of the forkhead homeotic gene family of transcription factors. Recent studies have shown that this protein can act as either a coactivator or a corepressor of nuclear receptor activity. This action is mediated through the LXXLL motif found in the C terminus of the FOXO1A protein. The specific function of the gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Chromosomal aberrations involving FOXO1A are a cause of rhabdomyosarcoma 2 (RMS2); also known as alveolar rhabdomyosarcoma.

#### Swiss-Prot

Q12778

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS5017 p-FKHR/FOXO1A (S256) pAb.

#### Purification & Purity

Synthetic peptide p-FKHR/FOXO1A (S256). (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.