

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### p-LIMK1/2 (T508/505) Peptide

Cat No.: BS4703P

#### Background

Proteins containing LIM motifs are typically involved in cell fate determination and growth control. A family of proteins designated LIM kinases, including LIMK-1 and LIMK-2, has been identified. LIMK-1 has been shown to regulate the stabilization of F-Actin structures and cofilin activity, indicating that LIMK-1 plays a role in a signaling pathway involved in the regulation of cell motility and morphogenesis. LIMK-1 inhibits neuronal differentiation of PC12 cells, and is thought to act by interfering with events downstream of MAPK activation. Expression patterns of LIMK-1 and LIMK-2 suggest that these proteins may have different functions during development. A truncated form of LIMK-2 has been identified in adult testis that is thought to arise from an alternative initiation exon.

#### Swiss-Prot

P53667/P53671

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS4703 p-LIMK1/2 (T508/505) pAb.

#### Purification & Purity

Synthetic peptide p-LIMK1/2 (T508/505). (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.