

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### p-Paxillin (Y31) Peptide

Cat No.: BS4721P

#### Background

Paxillin is a focal adhesion phosphoprotein that is localized to the cytoskeleton. FAK phosphorylates paxillin specifically on Tyr 118 in vitro. However, FAK phosphorylation does not seem to be required for the recruitment of paxillin to cell adhesion sites. Paxillin may play a role in signal transduction, regulation of cell morphology and the recruitment of structural and signaling molecules to focal adhesions. It has been shown that the amount of paxillin is reduced in mitotic cells by proteolytic downregulation and that paxillin is alternatively phosphorylated on serine rather than on tyrosine and serine during mitosis.

#### Swiss-Prot

P49023

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS4721 p-Paxillin (Y31) pAb.

#### Purification & Purity

Synthetic peptide p-Paxillin (Y31). (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.