

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### p-Adducin $\alpha/\beta$ (S726/713) Peptide

Cat No.: BS4005P

#### Background

Adducins are a family of cytoskeletal proteins encoded by three genes (alpha, beta, gamma). Adducin is a heterodimeric protein that consists of related subunits, which are produced from distinct genes but share a similar structure. Alpha and beta adducin include a protease-resistant N-terminal region and a protease-sensitive, hydrophilic C-terminal region. Alpha and gamma adducins are ubiquitously expressed. In contrast, beta adducin is expressed at high levels in brain and hematopoietic tissues. Adducin binds with high affinity to  $Ca^{2+}$ /calmodulin and is a substrate for protein kinases A and C. Alternative splicing results in multiple variants encoding distinct isoforms; however, not all variants have been fully described.

#### Swiss-Prot

P35611/P35612

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS4005 p-Adducin  $\alpha/\beta$  (S726/713) pAb.

#### Purification & Purity

Synthetic peptide p-Adducin  $\alpha/\beta$  (S726/713). (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.