

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Adducin α/β (K720) Peptide

Cat No.: BS1005P

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 BS1005 Adducin α/β (K720) pAb.

Purification & Purity

Synthetic peptide Adducin α/β (K720). (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.