

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### CaMKII $\alpha/\delta$ (M281) Peptide

Cat No.: BS3433P

#### Background

CaMKII (Calcium/calmodulin-dependent protein kinase II) is a ubiquitous serine/threonine protein kinase that is abundant in the brain as a major constituent of the postsynaptic density (PSD). The enzyme is an oligomeric protein composed of distinct but related subunits, alpha, beta, gamma, and delta, each encoded by a separate gene. CAMK2A assembles into heterooligomeric complexes with other CAMK2 subunits. CaMKII is a prominent kinase in the central nervous system that may function in long term potentiation and neurotransmitter release.

#### Swiss-Prot

Q9UQM7/Q13557

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3433 CaMKII $\alpha/\delta$  (M281) pAb.

#### Purification & Purity

Synthetic peptide CaMKII $\alpha/\delta$  (M281). (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.