Bioworld Technology CO., Ltd.

CaMKIIβ/γ/δ (S280) Peptide

Cat No.: BS3741P

Background

The Ca2+/calmodulin-dependent protein kinases (CaM kinases) comprise a structurally related subfamily of serine/threonine kinases which include CaMKI, CaMKII and CaMKIV. CaMKII is an ubiquitously expressed serine/threonine protein kinase that is activated by Ca2+ and calmodulin (CaM) and has been implicated in regulation of the cell cycle and transcription. There are four CaMKII isozymes, designated α, β, γ and δ, which may or may not be coexpressed in the same tissue type. CaMKIV is stimulated by Ca2+ and CaM but also requires phosphorylation by a CaMK for full activation.

Swiss-Prot

Q13555/Q13554/Q13557

Applications

Blocking

Specificity

This peptide can be used with studies using BS3741 CaMKIIβ/γ/δ (S280) pAb.

Purification & Purity

Synthetic peptide CaMKIIβ/γ/δ (S280). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.

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