Bioworld Technology CO., Ltd.

Rsk-4 (Q688) Peptide

Cat No.: BS2507P

Background

The family of ribosomal S6 kinases (Rsks), designated Rsk-1 (MAPKAP kinase-1), Rsk-2 and Rsk-3, are intracellular serine/threonine kinases that are important signaling intermediates in response to a broad range of ligand activated receptor tyrosine kinases. A unique feature common to the members of the Rsk family is that each possesses two non-identical complete kinase catalytic domains. An additional Rsk protein, Rsk-4, shows a high level of homology to the three previously isolated members of the human Rsk family. Rsk-4 is most abundantly expressed in brain and kidney and plays a role in normal neuronal development. The 70 kDa family of ribosomal S6 kinases includes p70 S6 kinase and p70 S6 kinase β, which are thought to have similar regulatory functions. MSK1 (also designated RLPK) is a novel Rskrelated protein, which, like the p90 Rsk family members, contains two non-identical complete kinase catalytic domains.

Swiss-Prot

Q9UK32

Applications

Blocking

Specificity

This peptide can be used with studies using BS2507 Rsk-4 (Q688) pAb.

Purification & Purity

Synthetic peptide Rsk-4 (Q688). (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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