Bioworld Technology CO., Ltd.

MAPKAPK-3 (R319) Peptide

Cat No.: BS2075P

Background

The MAPKAP kinases (for MAP kinase activated protein kinases) are a group of MAP kinase substrates which are themselves kinases. In response to activation, the MAP kinases phosphorylate downstream components on a consensus Pro-X-Ser/Thr-Pro motif. Several kinases that contain this motif have been identifed and serve as substrates for the ERK and p38 MAP kinases. These include the serine/threonine kinases Rsk-1 (also designated MAPKAP kinase-1), Rsk-2 and Rsk-3, which are phosphorylated by ERK 1 and ERK 2. Similarly, p38 phosphorylates and activates the serine/threonine kinases MAPKAPK-2 and MAPKAPK-3 (also designated 3pK). The serine/threonine kinases Mnk1 and Mnk2 are substrates for both ERK and p38 MAP kinases

Swiss-Prot

Q16644

Applications

Blocking

Specificity

This peptide can be used with studies using BS2075 MAPKAPK-3 (R319) pAb.

Purification & Purity

Synthetic peptide MAPKAPK-3 (R319). (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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