

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



HGK (R430) Peptide

Cat No.: BS2249P

Background

Several mammalian kinases have been identified which exhibit sequence similarity to the *Saccharomyces cerevisiae* serine/threonine kinase STE20. STE20 is involved in relaying signals from G-protein coupled receptors to cytosolic MAP kinase cascades, and it lies upstream of a MAP kinase kinase kinase. Mammalian STE20-like kinases include NIK, KHS, GLK, YSK1, HPK1, Krs-1, Krs-2, and GC kinase. NIK (Nck interacting kinase), like many of the STE20-like kinases, has been shown to activate the SAPK/JNK stress response pathway. Both the kinase domain and the C-terminal regulatory domain of NIK are required for full activation. NIK interacts with MEKK1 and is thought to act upstream of MEKK1 in the SAPK/JNK signaling pathway.

Swiss-Prot

O95819

Applications

Blocking

Specificity

This peptide can be used with studies using BS2249 HGK (R430) pAb.

Purification & Purity

Synthetic peptide HGK (R430). (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.