

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Gab 2 (L617) Peptide

Cat No.: BS9120P

Background

Critical components of this process include adapter protein such as Shc, IRS-1 and Gab 1 (GRB-associated binder-1) that lack detectable catalytic activity. These are immediate substrates of receptor tyrosine kinase activity and serve to link activated receptors to downstream signaling components. Whereas Shc has been implicated in signaling by diverse receptor families, IRS-1 serves primarily as the major Insulin receptor substrate. Shc and Gab 1 also participate in Insulin signaling by linking the Insulin receptor to Ras by forming complexes with GRB2 (another adapter protein) and Sos independently of IRS-1. The Gap 1 related protein, Gab 2, associates with SH2 domain-containing proteins, such as SHP2, and it is involved in a novel pathway for cytokine-induced gene activation.

Swiss-Prot

Q9UQC2

Applications

Blocking

Specificity

This peptide can be used with studies using BS9120 Gab 2 (L617) pAb.

Purification & Purity

Synthetic peptide Gab 2 (L617). (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.