

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



p-Gab1 (Y659) Peptide

Cat No.: BS4689P

Background

Gab 1 (GRB2-associated binder 1), one such member of the IRS family, plays an important role in cellular growth response, transformation and apoptosis. Gab 1 is a multi-substrate docking protein that functions downstream in the signaling pathways of different receptor kinases, including EGFR. Gab1 is tyrosine phosphorylated normally in response to insulin and consequently enhances phosphatidylinositol 3- kinase (PI3K) binding. In response to osmotic shock, tyrosine-phosphorylated Gab 1 (p-Gab 1) also binds and activates phosphatidylinositol 3-kinase, suggesting that Gab 1 is the major site for PI3K recruitment following osmotic shock stimulation.

Swiss-Prot

Q13480

Applications

Blocking

Specificity

This peptide can be used with studies using BS4689 p-Gab1 (Y659) pAb.

Purification & Purity

Synthetic peptide p-Gab1 (Y659). (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.