

Gab 1 (phospho-Y627) polyclonal antibody

Catalog: BS4790

Host: Rabbit

Reactivity: Human

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.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 115 kDa

Swiss-Prot:

Q13480

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

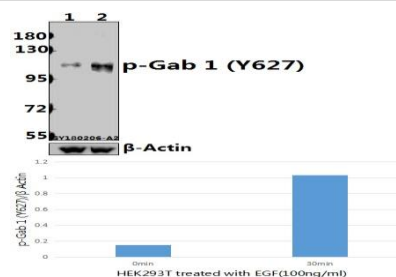
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

p-Gab 1 (Y627) polyclonal antibody detects endogenous levels of Gab 1 protein only when phosphorylated at Tyr627.

DATA:



Western blot (WB) analysis of p-Gab 1 (Y627) pAb at 1:500 dilution

Lane1:HEK293T whole cell lysate(40ug)

Lane2:HEK293T treated with EGF(100ng/ml,30 minutes) whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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