

GAB1 polyclonal antibody

Catalog: BS90549

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Growth factor triggering of protein tyrosine kinase receptors induces signals that cascade to the nucleus, activating mitogenic as well as other responses. Critical components of this process include adapter proteins 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. Gab 1 is also thought to be involved in the EGF receptor signaling pathway.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

77 kDa

Swiss-Prot:

Q13480(Human)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:2,000

ICC:1:100-1:500

IHC:1:50-1:200

FC:1:50-1:100

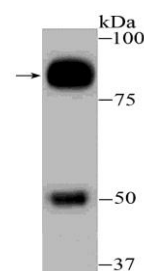
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

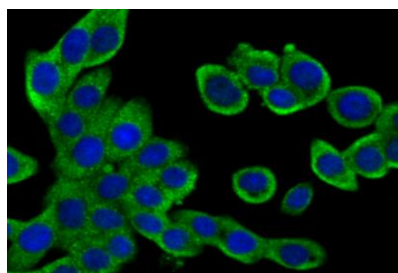
Specificity:

GAB1 polyclonal antibody detects endogenous levels of GAB1 protein.

DATA:



Western blot analysis of GAB1 on human small intestine tissue lysate using anti-GAB1 antibody at 1/500 dilution.



ICC staining GAB1 in LOVO cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

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

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