

GRB2 polyclonal antibody

Catalog: BS90599

Host: Rabbit

Reactivity: Human, mouse, rat

BackGround:

Grb2 is widely expressed and is essential for multiple cellular functions. Inhibition of Grb2 function impairs developmental processes in various organisms and blocks transformation and proliferation of various cell types, and so it is not surprising that a targeted gene disruption of Grb2 in mouse is lethal at an early embryonic stage. Grb2 is best known for its ability to link the epidermal growth factor receptor tyrosine kinase to the activation of Ras and its downstream kinases, ERK1,2. Grb2 is composed of an SH2 domain flanked on each side by an SH3 domain. Grb2 has two closely related proteins with similar domain organizations, Gads and Grap. Gads and Grap are expressed specifically in hematopoietic cells and function in the coordination of tyrosine kinase mediated signal transduction. The SH2 domain of Grb2 binds to phosphorylated tyrosine-containing peptides on receptors or scaffold proteins with a preference for pY-X-N-X, where X is generally a hydrophobic residue such as valine.

Product:

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

Molecular Weight:

25 kDa

Swiss-Prot:

P62993

Purification&Purity:

Peptide affinity purified

Applications:

WB:1:500

ICC:1:200

IHC:1:200

FC:1:100-1:200

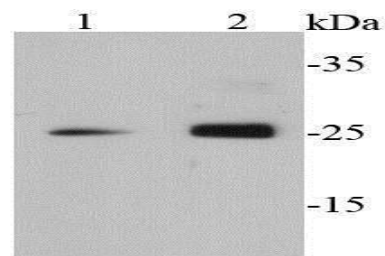
Storage&Stability:

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

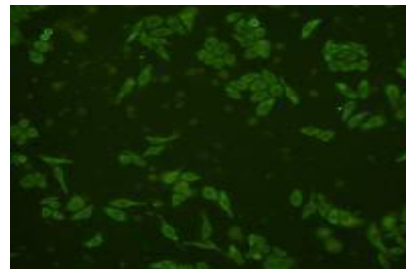
Specificity:

GRB2 polyclonal antibody detects endogenous levels of GRB2 protein.

DATA:



Western blot analysis of GRB2 on different cell lysates using anti-GRB2 antibody at 1/500 dilution.



ICC staining GRB2 in HepG2 cells (green). Cells were fixed in para-formaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

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

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