

GRB10 (phospho-Y67) polyclonal antibody

Catalog: BS4691

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

GRB7, a SH2 domain protein, has a single SH2 domain at its C-terminal, a central region with similarity to Ras GAP, and a proline-rich N terminus. A related SH2 domain-containing protein, GRB10, exhibits a high degree of homology with GRB7. GRB10 undergoes serine but not tyrosine phosphorylation in response to EGF treatment, but appears to bind to the EGF receptor poorly. GRB10 maps to mouse chromosome 11, in close proximity to the EGF receptor. Similarly, GRB7 maps to the same mouse chromosome near the EGF receptor-related protein HER2.

Product:

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

Molecular Weight:

~ 67 kDa

Swiss-Prot:

Q13322

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

IHC: 1:50~1:200

ICC: 1:50~1:200

Storage&Stability:

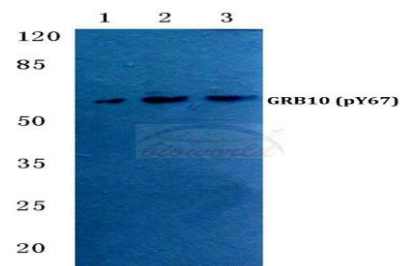
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

p-GRB10 (Y67) polyclonal antibody detects endogenous levels of GRB10 protein only when phosphorylated at

Tyr67.

DATA:

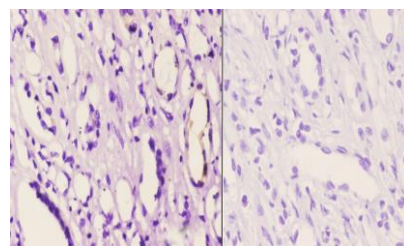


Western blot (WB) analysis of p-GRB10 (Y67) polyclonal antibody at 1:500 dilution

Lane1:HEK293T cell lysate treated with insulin(100nM,5mins)

Lane2:Mouse spleen tissue lysate

Lane3:PC12 cell lysate treated with insulin(100nM,5mins)



Immunohistochemistry (IHC) analyzes of p-GRB10 (Y67) pAb in paraffin-embedded human kidney carcinoma tissue at 1:50. showing cytoplasmic staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

Note:

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

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