

p70 S6K β polyclonal antibody

Catalog: BS91009

Host: Rabbit

Reactivity: Human, mouse, rat

BackGround:

p70 S6 kinase is a mitogen activated Ser/Thr protein kinase that is required for cell growth and G1 cell cycle progression. p70 S6 kinase phosphorylates the S6 protein of the 40S ribosomal subunit and is involved in translational control of 5' oligopyrimidine tract mRNAs. A second isoform, p85 S6 kinase, is derived from the same gene and is identical to p70 S6 kinase except for 23 extra residues at the amino terminus, which encode a nuclear localizing signal. Both isoforms lie on a mitogen activated signaling pathway downstream of phosphoinositide-3 kinase (PI-3K) and the target of rapamycin, FRAP/mTOR, a pathway distinct from the Ras/MAP kinase cascade. Ribosomal protein S6 kinase beta-2 is an enzyme that in humans is encoded by the RPS6KB2 gene. Phosphorylation of S6 leads to an increase in protein synthesis and cell proliferation.

Product:

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

Molecular Weight:

70 kDa

Swiss-Prot:

Q9UBS0

Purification&Purity:

Peptide affinity purified

Applications:

WB:1:500

ICC:1:200

IHC:1:200

FC:1:100-1:200

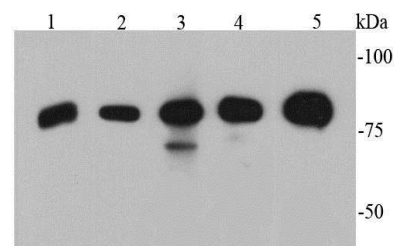
Storage&Stability:

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

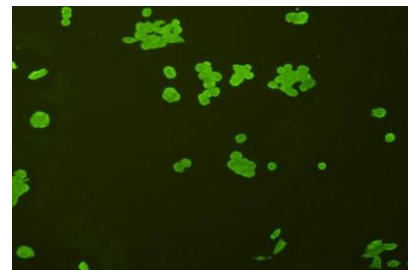
Specificity:

p70 S6K β polyclonal antibody detects endogenous levels of p70 S6K β protein.

DATA:



Western blot analysis of p70 S6 Kinase beta on different cell lysates using anti-p70 S6 Kinase beta antibody at 1/500 dilution. Positive control: Lane 1: PC12 Lane 2: NIH/3T3 Lane 3: Jurkat Lane 4: K562 Lane 5: Hela



ICC staining p70 S6 Kinase beta in Lovo cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

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

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151