

**Phospho-p90Rsk/RSK1/RPS6KA1-S380 polyclonal antibody**

Catalog: BS79402

Host: Rabbit

Reactivity: Human, Mouse, Rat

**BackGround:**

This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 nonidentical kinase catalytic domains and phosphorylates various substrates, including members of the mitogen-activated kinase (MAPK) signalling pathway. The activity of this protein has been implicated in controlling cell growth and differentiation. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

**Product:**

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

**Molecular Weight:**

90kDa

**Swiss-Prot:**

Q15418

**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:**

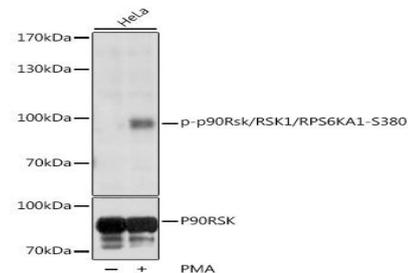
WB, 1:500 - 1:2000 | IP, 1:50 - 1:100

**Storage&Stability:**

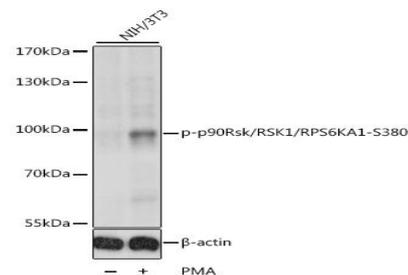
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Modification:**

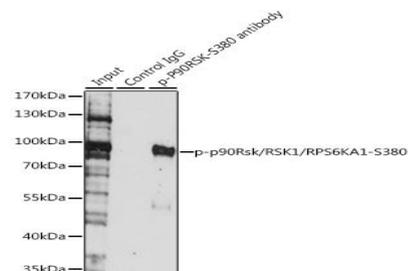
Phosphorylated

**DATA:**

Western blot analysis of extracts of various cell lines, using Phospho-p90Rsk/RSK1/RPS6KA1-S380 antibody at 1:1000 dilution or RPS6KA1 antibody. HeLa cells were treated by PMA/TPA at 37 °C for 15 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1s.



Western blot analysis of extracts of various cell lines, using Phospho-p90Rsk/RSK1/RPS6KA1-S380 antibody at 1:1000 dilution. NIH/3T3 cells were treated by PMA/TPA at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1s.



Immunoprecipitation analysis of 200ug extracts of HeLa cells, using 3

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## PRODUCT DATA SHEET

Bioworld Technology, Inc.

ug Phospho-p90Rsk/RSK1/RPS6KA1-S380 pAb . Western blot was performed from the immunoprecipitate using Phospho-p90Rsk/RSK1/RPS6KA1-S380 pAb at a dilution of 1:1000. HeLa cells were treated by EGF at 37°C for 30 minutes after serum-starvation overnight.

### Note:

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

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