

RPS6KA1

Reactivity:Human Mouse Rat

Tested applications:WB IHC ICC IP FC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:100 ICC 1:50 - 1:200 IP 1:20 - 1:50
FC 1:20 - 1:50

Calculated MW:83kDa

Observed MW:Refer to Figures

Immunogen:

A synthetic peptide of human RPS6KA1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

fpq

Synonym:

HU-1;MAPKAPK1A;RSK;RSK1;Ribosomal protein S6 kinase alpha-1 antibody; Ribosomal S6 kinase 1 antibody;

Catalog #:A0135

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:6195

Isotype:IgG

Swiss Prot:Q15418

Purity:Affinity purification

For research use only.

Background:

RSK 1 (p90-RSK 1) is a member of a family of 90 kDa ribosomal protein S6 kinases, which includes RSK 1, RSK 2 and RSK 3. These are broadly expressed serine/threonine protein kinases activated in response to mitogenic stimuli, including extracellular signal-regulated protein kinases Erk1 and Erk2. p90-RSK 1 is activated by MAPK in vitro and in vivo via phosphorylation. Active RSKs appear to play a major role in transcriptional regulation by translocating to the nucleus and phosphorylating c-Fos and CREB.

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