

**Product Name: Phospho-RSK1 p90 (Ser380) Rabbit
Monoclonal Antibody
Catalog #: AMRe02874**

Summary

Production Name	Phospho-RSK1 p90 (Ser380) Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Hamster,Mouse

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	RPS6KA1
Alternative Names	RPS6KA1; MAPKAPK1A; RSK1; Ribosomal protein S6 kinase alpha-1; S6K-alpha-1; 90 kDa ribosomal protein S6 kinase 1; p90-RSK 1; p90RSK1; p90S6K; MAP kinase-activated protein kinase 1a; MAPK-activated protein kinase 1a; MAPKAP kinase 1a; MAPKAP
Gene ID	6195
SwissProt ID	Q15418

Application

Dilution Ratio	WB: 1/500-1/1000 IP: 1/20
Molecular Weight	Calculated MW: 83 kDa; Observed MW: 90 kDa

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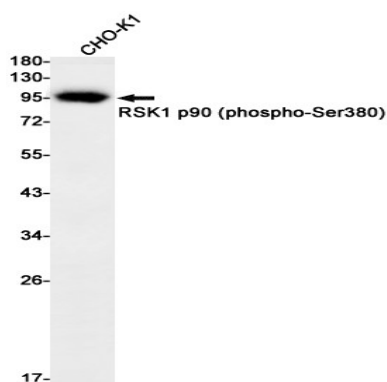
Background

Rsk1 is a member of a family of 90kDa ribosomal protein S6 kinases, which includes Rsk1, Rsk2 and Rsk3. These are broadly expressed serine / threonine protein kinases activated in response to mitogenic stimuli, including extracellular signal regulated protein kinases Erk1 and Erk2. Rsk1 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.

Research Area

Signal Transduction

Image Data



Western blot analysis of RSK1 p90 (Phospho-Ser380) in CHO-K1 lysates using Phospho-RSK1 p90 (Ser380) antibody.

Note

For research use only.