

Purified anti-p90 Rsk

Catalog # / Size: 604802 / 200 µl (20 Western blots)

Clone: Poly6048

Isotype: Rabbit IgG

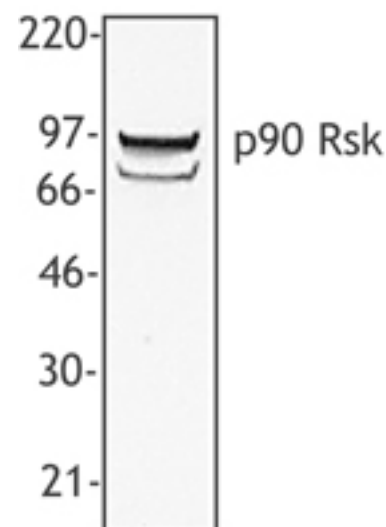
Immunogen: Recombinant (partial), N-terminal

Reactivity: Human

Preparation: The antibody was purified by antigen-affinity chromatography.

Formulation: This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 50% glycerol.

Storage: Upon receipt, store frozen at -20° C.



HepG2 cell extract was resolved by electrophoresis, transferred to nitrocellulose, and probed with rabbit anti-p90 Rsk antibody. Proteins were visualized using a donkey anti-rabbit secondary conjugated to HRP and a chemiluminescence detection system. In addition to p90 Rsk, this antibody recognizes a non-specific protein with a molecular weight of approximately 66 kD.

Applications:

Applications: WB - *Quality tested*

Recommended Usage: Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 10 µl per 5 ml antibody dilution buffer for each mini-gel. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: This antibody is not suitable for immunoprecipitation.

Description: p90 Rsk (ribosomal protein S6 kinase) is a 90 serine/threonine kinase and a member of the S6 kinase subfamily. This kinase is normally cytosolic but is transiently targeted to the membrane after activation. p90 Rsk phosphorylates a range of substrates including ribosomal protein S6 and is activated by the extracellular signal kinases ERK 1/2, PDK-1, and MAPK kinase cascade. p90 Rsk is phosphorylated and can interact with 14-3-3 β, and ERK 1/2 under quiescent conditions p90 Rsk is decreased upon mitogen stimulation. The Poly6048 antibody recognizes the N-terminal region of human p90 Rsk and has been shown to be useful for Western blotting.

- Antigen References:**
1. Chrestensen C, *et al.* 2002. *J. Biol. Chem.* 277:27733.
 2. Moller D, *et al.* 1994. *Am. J. Physiol.* 266 C351.
 3. Franklin R, *et al.* 1995. *J. Immunol.* 154:4965.
 4. Cavet M, *et al.* 2003. *J. Biol. Chem.* 278:18376.

Related Products:

Product
Purified anti-14-3-3 ζ/δ
HRP Donkey anti-rabbit IgG (minimal x-reactivity)
Purified anti-Phospho-p90 Rsk (Thr368/Ser372)

Clone
Poly6148
Poly4064
Poly6370

Application
WB
ELISA, IHC, WB
IF, IHC



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