

p90 RSK (phospho Ser380) antibody [HL3817]

Cat. No. GTX642041

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF
Reactivity	Human

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	1:100-1:1000

Not tested in other applications.

Observed MW (kDa) 90 kDa.

Product Note

This antibody is raised against human RSK1 phosphorylated at Ser380. It cross react with RSK2 and RSK3 when phosphorylated at the corresponding residues - RSK2 Ser386 and RSK3 Ser377.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Ser380 of human p90 RSK. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



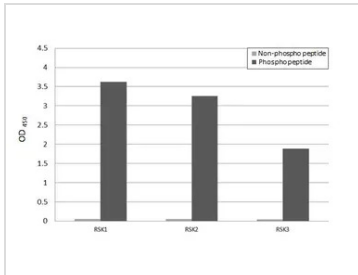
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Note

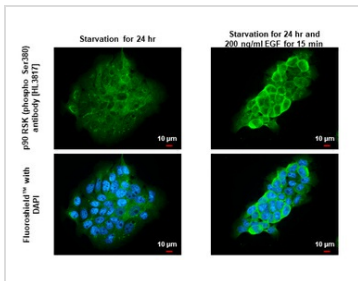
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DATA IMAGES



GTX642041 Image

Specificity test was performed by coating the plate with recombinant RSK1 non-phospho peptide, RSK1 (phospho Ser380) peptide, RSK2 non-phospho peptide, RSK2 (phospho Ser386) peptide, RSK3 non-phospho peptide, and RSK3 (phospho Ser377) peptide (62.5- ng/mL). Coated protein was probed with p90 RSK (phospho Ser380) antibody [HL3817] (GTX642041) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.



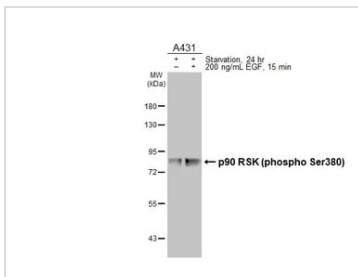
GTX642041 ICC/IF Image

p90 RSK (phospho Ser380) antibody [HL3817] detects p90 RSK (phospho Ser380) protein by immunofluorescent analysis.

Sample: Mock and treated A431 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: p90 RSK (phospho Ser380) stained by p90 RSK (phospho Ser380) antibody [HL3817] (GTX642041) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



GTX642041 WB Image

Untreated (-) and treated (+) A431 whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with p90 RSK (phospho Ser380) antibody [HL3817] (GTX642041) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident femto Western HRP Substrate.



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