RSK (pan) (phospho Ser221 / Ser227 / Ser218 / Ser232) antibody [HL3427]

Cat. No. GTX641269

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB
Reactivity	Human, Mouse

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000

Not tested in other applications.

Observed MW (kDa) 90 kDa.

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 4ºC. For long-term storage, aliquot and store at -20ºC 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 Ser227 of human RSK2. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

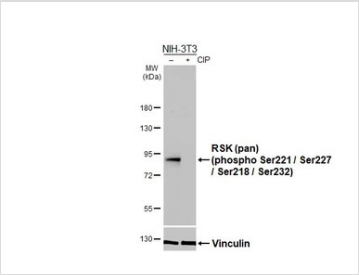
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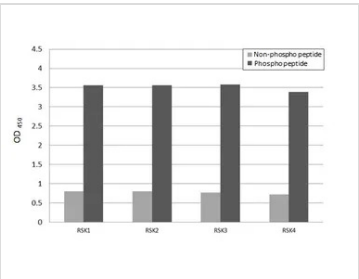
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DATA IMAGES



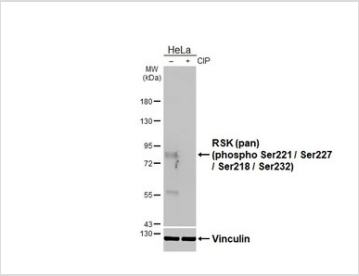
GTX641269 WB Image

Untreated (–) and treated (+) NIH-3T3 whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with RSK (pan) (phospho Ser221 / Ser227 / Ser218 / Ser232) antibody [HL3427] (GTX641269) 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.



GTX641269 Image

Specificity test was performed by coating the plate with recombinant RSK1 non-phospho peptide, RSK1 (phospho Ser227) peptide, RSK2 non-phospho peptide, RSK2 (phospho Ser227) peptide, RSK3 non-phospho peptide, RSK3 (phospho Ser218) peptide, RSK4 non-phospho peptide, and RSK4 (phospho Ser232) peptide (62.5- ng/mL). Coated protein was probed with RSK (pan) (phospho Ser221 / Ser227 / Ser218 / Ser232) antibody [HL3427] (GTX641269) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.



GTX641269 WB Image

Untreated (–) and treated (+) HeLa whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with RSK (pan) (phospho Ser221 / Ser227 / Ser218 / Ser232) antibody [HL3427] (GTX641269) 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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