

RSK3 (phospho Thr356/Ser360) antibody [HL3299]

Cat. No. GTX640988

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF
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
ICC/IF	Assay dependent

Not tested in other applications.

Observed MW (kDa) 80, 90 kDa.

Product Note

This antibody detects RSK3 protein when dually phosphorylated at Thr356 and Ser360 and weakly on singly phosphorylated at Thr356, but it does not recognize RSK3 protein when singly phosphorylated at Ser360.

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 Thr356/Ser360 of human RSK3. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



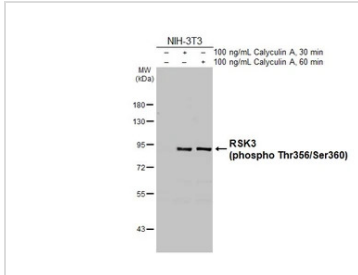
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Note

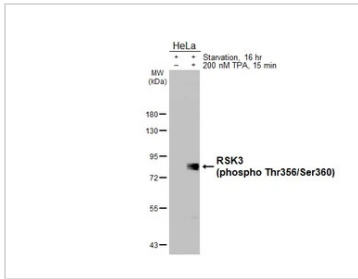
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DATA IMAGES



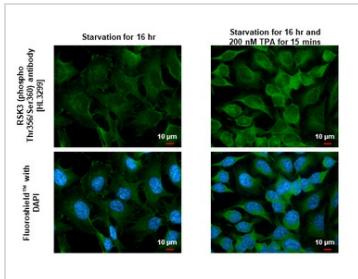
GTX640988 WB Image

Untreated (-) and treated (+) NIH-3T3 whole cell extract (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with RSK3 (phospho Thr356/Ser360) antibody [HL3299] (GTX640988) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX640988 WB Image

Untreated (-) and treated (+) HeLa whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with RSK3 (phospho Thr356/Ser360) antibody [HL3299] (GTX640988) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



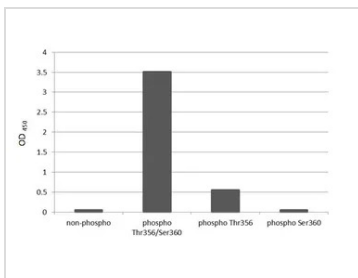
GTX640988 ICC/IF Image

RSK3 (phospho Thr356/Ser360) antibody [HL3299] detects RSK3 (phospho Thr356/Ser360) protein by immunofluorescent analysis.

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

Green: RSK3 (phospho Thr356/Ser360) stained by RSK3 (phospho Thr356/Ser360) antibody [HL3299] (GTX640988) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



GTX640988 Image

Specificity test was performed by coating the plate with recombinant RPS6KA2 non-phospho peptide, RPS6KA2 (phospho Thr356/Ser360) peptide, RPS6KA2 (phospho Thr356) peptide, and RPS6KA2 (phospho Ser360) peptide (62.5 ng/mL). Coated protein was probed with RSK3 (phospho Thr356/Ser360) antibody [HL3299] (GTX640988) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.



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