

## p90 RSK1 (phospho Thr359) antibody [HL3429]

Cat. No. GTX641271

|              |            |
|--------------|------------|
| Host         | Rabbit     |
| Clonality    | Monoclonal |
| Isotype      | IgG        |
| Applications | WB         |
| Reactivity   | Human      |

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. |
|-------------------|---------|

## Product Note

This antibody is specific for RSK1 (phospho Thr359) and does not cross react with RSK2 (phospho Thr365), RSK3 (phospho Thr356), and RSK4 (phospho Thr368).

## 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. |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|           |                                                                                                                               |
|-----------|-------------------------------------------------------------------------------------------------------------------------------|
| Immunogen | Carrier-protein conjugated synthetic peptide surrounding phospho Thr359 of human p90 RSK1. The exact sequence is proprietary. |
|-----------|-------------------------------------------------------------------------------------------------------------------------------|

|              |                                 |
|--------------|---------------------------------|
| Purification | Affinity purified by Protein A. |
|--------------|---------------------------------|

|             |              |
|-------------|--------------|
| Conjugation | Unconjugated |
|-------------|--------------|

## Note

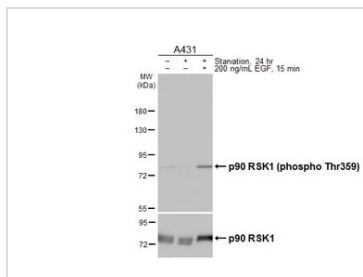
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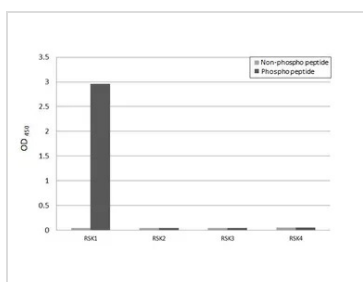
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DATA IMAGES



**GTX641271 WB Image**

Untreated (-) and treated (+) A431 whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membranes were blotted with p90 RSK1 (phospho Thr359) antibody [HL3429] (GTX641271) diluted at 1:1000 and p90 RSK1 antibody (GTX105842) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



**GTX641271 Image**

Specificity test was performed by coating the plate with recombinant RSK1 non-phospho peptide, RSK1 (phospho Thr359) peptide, RSK2 non-phospho peptide, RSK2 (phospho Thr365) peptide, RSK3 non-phospho peptide, RSK3 (phospho Thr356) peptide, RSK4 non-phospho peptide, and RSK4 (phospho Thr368) peptide (15.63- ng/mL). Coated protein was probed with p90 RSK1 (phospho Thr359) antibody [HL3429] (GTX641271) (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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