abcam

## Product datasheet

# Anti-RPS6 (phospho S235 + S236) antibody ab226810

2 Images

### Overview

| | |
|---|---|
| **Product name** | Anti-RPS6 (phospho S235 + S236) antibody |
| **Description** | Rabbit polyclonal to RPS6 (phospho S235 + S236) |
| **Host species** | Rabbit |
| **Tested applications** | **Suitable for:** WB |
| **Species reactivity** | **Reacts with:** Human<br>**Predicted to work with:** Mouse, Rat, Chicken, Cow, Dog, Xenopus laevis, Zebrafish |
| **Immunogen** | Synthetic peptide within Human RPS6 (C terminal). The exact sequence is proprietary. Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human RPS6 (phospho Ser235/236).<br>Database link: **P62753** |
| **Positive control** | WB: HeLa cell lysate. |
| **General notes** | The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.<br>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As |

### Properties

| | |
|---|---|
| **Form** | Liquid |
| **Storage instructions** | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| **Storage buffer** | pH: 7.00<br>Preservative: 0.025% Proclin 300<br>Constituents: 78% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine) |
| **Purity** | Immunogen affinity purified |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab226810 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|---|---|---|
| **WB** | | 1/5000 - 1/20000. Predicted molecular weight: 29 kDa. |

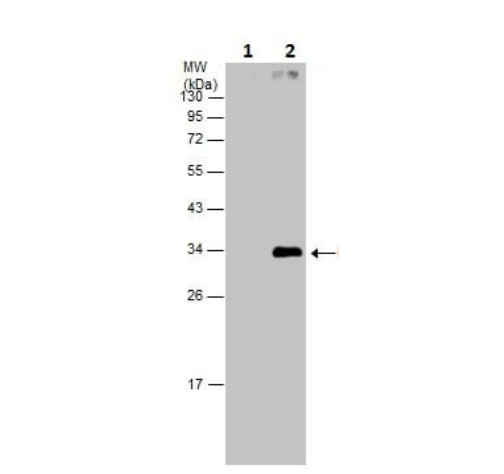
## Target

**Function** May play an important role in controlling cell growth and proliferation through the selective translation of particular classes of mRNA.

**Sequence similarities** Belongs to the ribosomal protein S6e family.

**Post-translational modifications** Ribosomal protein S6 is the major substrate of protein kinases in eukaryote ribosomes. The phosphorylation is stimulated by growth factors, tumor promoting agents, and mitogens. It is dephosphorylated at growth arrest.

## Images




Western blot - Anti-RPS6 (phospho S235 + S236) antibody (ab226810)

**All lanes :** Anti-RPS6 (phospho S235 + S236) antibody (ab226810) at 1/10000 dilution

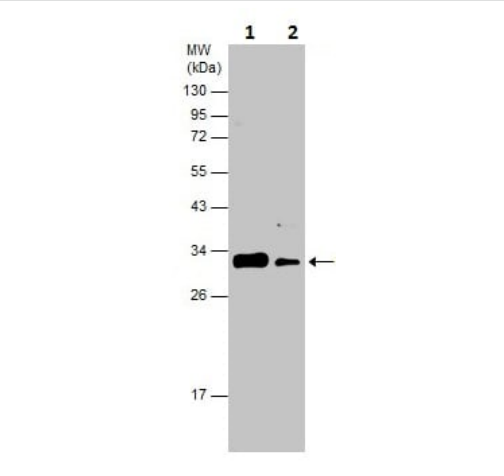
**Lane 1 :** HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) cell lysate
**Lane 2 :** HEK-293T treated with 20% fetal bovine serum for 30 minutes, cell lysate

Lysates/proteins at 30 µg per lane.

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 29 kDa




Western blot - Anti-RPS6 (phospho S235 + S236) antibody (ab226810)

**All lanes :** Anti-RPS6 (phospho S235 + S236) antibody (ab226810) at 1/10000 dilution

**Lane 1 :** HeLa (human epithelial cell line from cervix adenocarcinoma) cell lysate
**Lane 2 :** HeLa treated with calf-intestinal alkaline phosphatase, cell lysate

Lysates/proteins at 30 µg per lane.

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 29 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours

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