

# RPS6 (phospho Ser235/236) antibody

**Cat. No. GTX12864**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Application</b>	WB
<b>Reactivity</b>	Human, Mouse

Reference ( 1 )  
Package  
50 µl

## APPLICATION

### Application Note

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

Suggested dilution	Recommended dilution
WB	1:500

Not tested in other applications.

**Calculated MW** 29 kDa. ( [Note](#) )

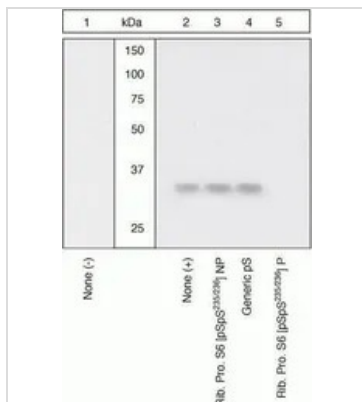
**Product Note** This antibody does not cross react with RPS6 phosphorylated on serines 244 and 247.

## PROPERTIES

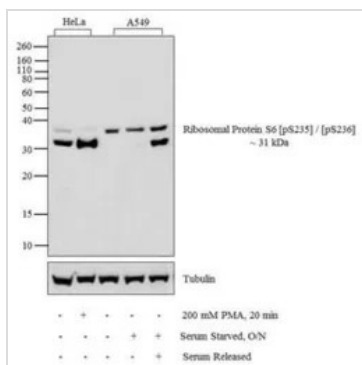
<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 0.1% BSA, 50% Glycerol
<b>Preservative</b>	0.05% Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	Batch dependent (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	The antiserum was produced against a chemically synthesized phosphopeptide derived from the region of human RPS6 that contains serines 235 and 236. The sequence is conserved in mouse and rat.
<b>Purification</b>	Purified by antigen-affinity chromatography
<b>Conjugation</b>	Unconjugated
<b>Note</b>	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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**DATA IMAGES**

**GTX12864 WB Image**

WB (peptide competition) analysis of HeLa cells treated with anisomycin (Lane 2-5) using GTX12864 RPS6 (phospho Ser235/236) antibody prior incubated with the non-phosphopeptide corresponding to the immunogen (Lane 3), a generic phosphoserine-containing peptide (Lane 4), or the phosphopeptide immunogen (Lane 5) control. The data show that only the immunogen phosphopeptide blocks the signal, demonstrating the specificity of the antibody.


**GTX12864 WB Image**

WB analysis of whole cell extracts (20 µg lysate) of HeLa (Lane 1), treated for 20 minutes with 200 nM of PMA (Lane 2), A549 (lane 3) serum starved A549 (lane 4) and serum starved for overnight followed by Serum Released (lane 5) using GTX12864 RPS6 (phospho Ser235/236) antibody.  
Dilution : 1:500



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