

RPS6 (phospho Ser240/Ser244) antibody [HL3824]

Cat. No. GTX642048

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	Assay dependent
ICC/IF	Assay dependent

Not tested in other applications.

Observed MW (kDa) 32 kDa.

Product Note

This antibody detects RPS6 protein when dually phosphorylated at Ser240 and Ser244, and it also reacts with RPS6 protein when singly phosphorylated at Ser240 and Ser244.

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
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Ser240/Ser244 of human RPS6. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

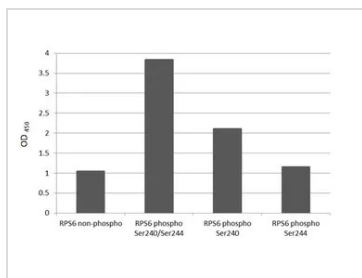


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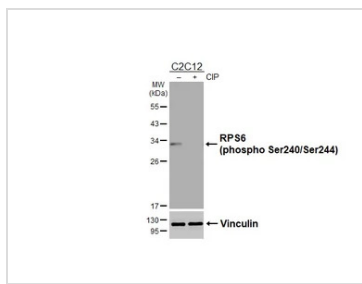
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Note

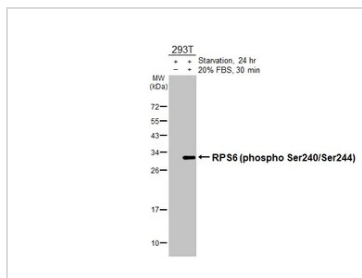
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DATA IMAGES

GTX642048 Image

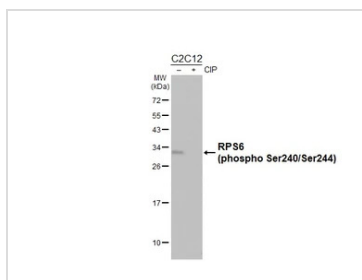
Specificity test was performed by coating the plate with recombinant RPS6 non-phospho peptide, RPS6 (phospho Ser240) peptide, RPS6 (phospho Ser244) peptide, and RPS6 (phospho Ser240/Ser244) peptide (62.5 ng/mL). Coated protein was probed with RPS6 (phospho Ser240/Ser244) antibody [HL3824] (GTX642048) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.


GTX642048 WB Image

Untreated (–) and treated (+) C2C12 whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with RPS6 (phospho Ser240/Ser244) antibody [HL3824] (GTX642048) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX642048 WB Image

Untreated (–) and treated (+) 293T whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with RPS6 (phospho Ser240/Ser244) antibody [HL3824] (GTX642048) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX642048 WB Image

Untreated (–) and treated (+) C2C12 whole cell extract (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with RPS6 (phospho Ser240/Ser244) antibody [HL3824] (GTX642048) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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