

Phospho-S6 Ribosomal Protein (RPS6)-S240/244 Antibody

CABP0537

Description

This Phospho-S6 Ribosomal Protein (RPS6)-S240/244 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CABP0537
Contents:	20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	S6, eS6, Phospho-S6 Ribosomal Protein (RPS6)-S240/244
Clone:	-
Applications:	WB IHC-P IP ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	6194
Uniprot:	AB_2771524
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	36kDa
Calculated MW:	29kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

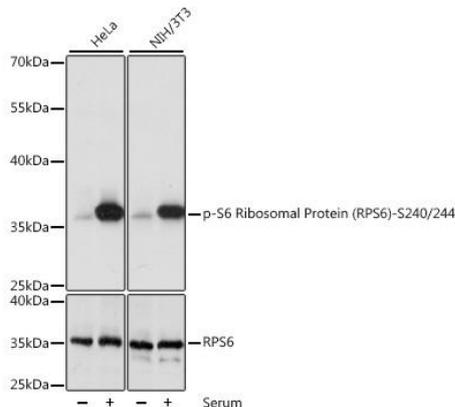
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: HeLa treated with 10% FBS, NIH/3T3 treated with 10% FBS

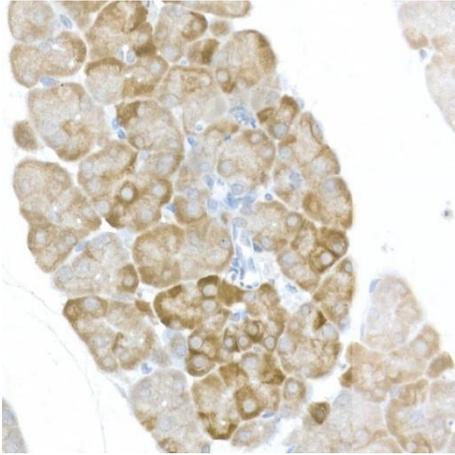
Recommended Dilutions:	WB	1:500 - 1:2000
	IHC-P	1:50 - 1:200
	IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

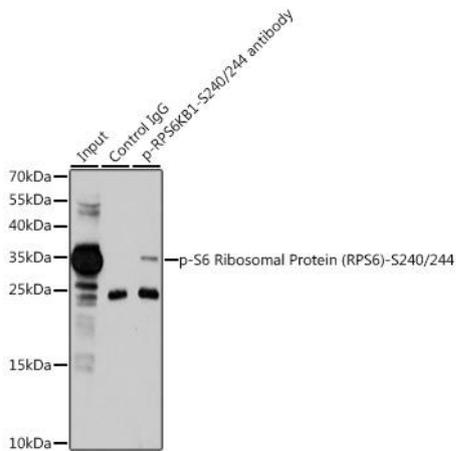
Validation Data



Western blot analysis of various lysates using Phospho-Ribosomal Protein -/244 Rabbit pAb (CABP0537) at 1:1000 dilution or antibody (CAB6058). HeLa and NIH/3T3 cells were treated with 10% FBS at 37°C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



Immunohistochemistry analysis of paraffin-embedded Mouse pancreas using Phospho- Ribosomal Protein - /244 Rabbit pAb (CABP0537) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunoprecipitation analysis of 200 µg extracts of 293T cells, using 3 µg Phospho- Ribosomal Protein -/244 pAb (CABP0537). Western blot was performed from the immunoprecipitate using Phospho--/244 pAb (CABP0537) at a dilution of 1:1000. 293T cells were treated with PMA/TPA (200 nM) at 37°C for 30 minutes after serum-starvation overnight.