

Datasheet for ABIN7138498
anti-RPS6 antibody (pSer235)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	RPS6
Binding Specificity:	pSer235
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Peptide sequence around phosphorylation site of serine 235 (R-L-S(p)-S-L) derived from Human S6 Ribosomal Protein.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using

Target Details

Target:	RPS6
Alternative Name:	RPS6 (RPS6 Products)

Target Details

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

McBride K, et al. (1998) Mol Cell Biol 18(9): 5073-5081.

Williams AJ, et al. (2003) Plant Physiol 132(4): 2086-2097.

Wilson MA, et al. (1997) Biochem J 325(Pt 1): 217-222.

Arnesen T, et al. (2005) Biochem J 386(Pt 3): 433-443.

Aliases: 40S ribosomal protein S6 antibody, Air8 antibody, NP33 antibody, Phosphoprotein NP33 antibody, Pp30 antibody, Ribosomal protein S6 antibody, RP S6 antibody, rps6 antibody, RS6 antibody, RS6_HUMAN antibody, S6 antibody, S6 Ribosomal Protein antibody

UniProt: [P62753](#)

Pathways: [Carbohydrate Homeostasis](#), [Ribonucleoprotein Complex Subunit Organization](#), [Ribosome Assembly](#)

Application Details

Application Notes: WB:1:500-1:1000, IF:1:100-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

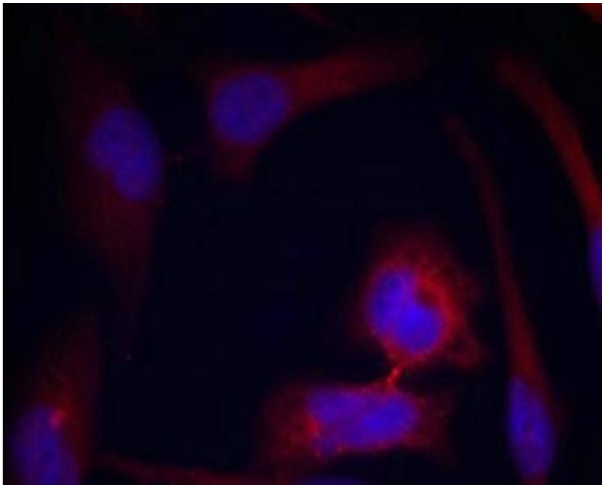
Buffer: Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

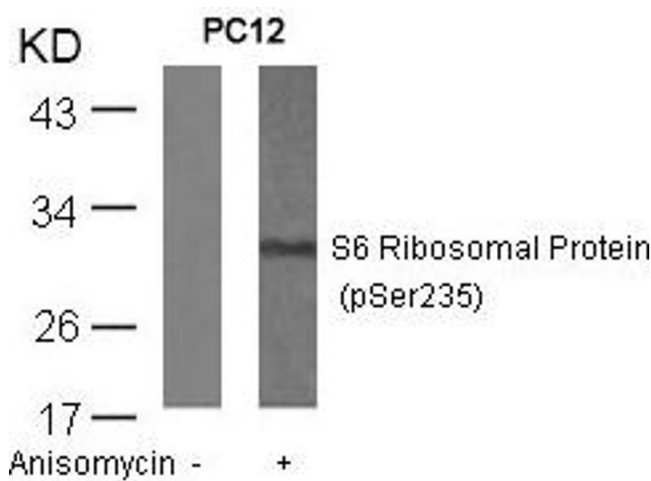
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of methanol-fixed HeLa cells using S6 Ribosomal Protein(Phospho-Ser235) Antibody.



Western Blotting

Image 2. Western blot analysis of extracts from PC12 cells untreated or treated with anisomycin using S6 Ribosomal Protein(Phospho-Ser235) Antibody.