

Datasheet for ABIN1440052
anti-RPS6 antibody (C-Term)



[Go to Product page](#)

2 Images

Overview

Quantity:	800 µg
Target:	RPS6
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Chicken, Monkey, Dog, Rabbit, Horse, Goat, Sheep, Pig, Guinea Pig, Hamster, Cat, Donkey, Avian
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This RPS6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Purified recombinant peptide derived from within residues 190 aa to the C-terminus of human RPS6 produced in E. coli.
Isotype:	IgG
Specificity:	Detects a band of approximately 30 kDa by Western blot in the following whole cell lysates: MDCK, AtT20, Jurkat and 3T3.
Characteristics:	Ribosomal protein S6
Purification:	epitope affinity purified

Target Details

Target:	RPS6
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Target Details

Alternative Name: RPS6 ([RPS6 Products](#))

Background: Ribosomal protein S6 is a component of the 40S ribosomal subunit and is therefore involved in regulating translation - ribosome marker. Studies have also shown to be involved in cell proliferation, regulation of cell size and glucose homeostasis. It is the major substrate of protein kinases in the ribosome, with subsets of five C-terminal serine residues phosphorylated by different protein kinases.

Synonyms: RPS6 ribosomal protein S6, S6, 40S ribosomal protein S6, phosphoprotein NP33 antibody.

Ensembl identifier: ENSG00000137154

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

Application Details

Restrictions: For Research Use only

Handling

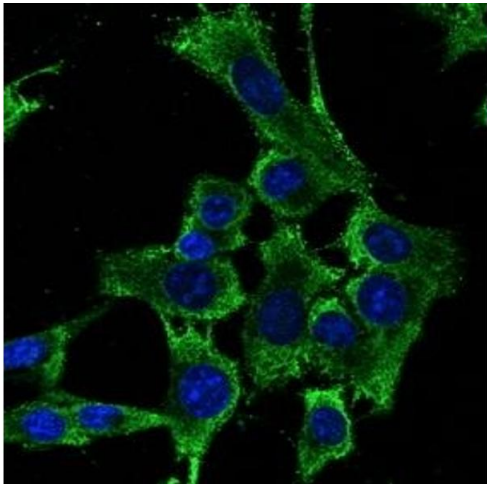
Concentration: 4 mg/mL

Buffer: Polyclonal antibody supplied as a 200 µL (4 mg/mL) aliquot in PBS, 20 % glycerol and 0.05 % sodium azide

Handling Advice: The antibody solution should be gently mixed before use.

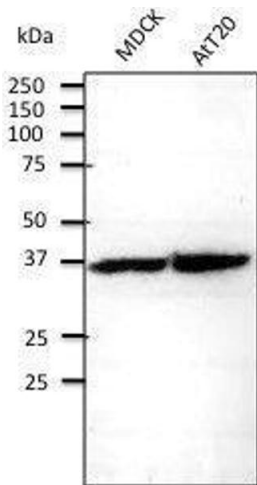
Storage: 4 °C, -20 °C

Storage Comment: For continuous use, store at 2-8 deg,C for one-two days. For extended storage, store in -20 deg,C freezer. Working dilution samples should be discarded if not used within 12 hours.



Immunofluorescence

Image 1.



Western Blotting

Image 2. Anti.P53 Ab (AS0065) at 1/500 dilution, lysates at 50 µg per lane, rabbit polyclonal to goat 16G (HRP) at 1/10,000 dilution,