SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB0052-200	800 µg

Anti-RPS6

Source: Goat

General description: Goat polyclonal to RPS6. 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.

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

Form: Polyclonal antibody supplied as a 200 µl (4 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Recombinant peptide derived from within residues 190 aa to the C-terminus of human RPS6 produced in E.

Specificity: Detects a band of approximately 30 kDa by Western blot in the following whole cell lysates: MDCK, AtT20, Jurkat and 3T3.

Reactivity: Reacts with Human, Rat, Mouse, Monkey and Canine proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA
Human	+++	ND	ND	+++	ND
Rat	+++	ND	ND	+++	ND
Mouse	+++	ND	ND	+++	ND
Canine	+++	ND	ND	+++	ND
Monkey	+++	ND	ND	+++	ND

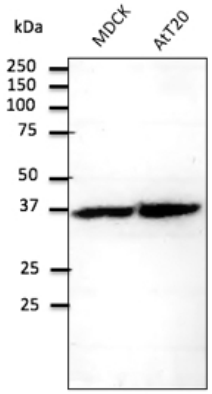
+++ excellent, ++ good, + poor, ND not determined

Usage:

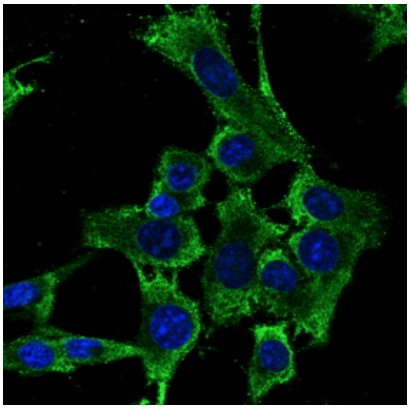
WB: 1:500-1:2,000
IF: 1:25-1:250

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

Special instructions: The antibody solution should be gently mixed before use..



Anti-RPS6 Ab at 1/500 dilution; lysates at 100 µg per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;



Confocal immunofluorescence of Hepa1-6 cells with RPS6 Ab at 1/100 dilution; methanol fixation;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.