

Datasheet for ABIN1169439

**anti-RPS3 antibody**[Go to Product page](#)

1 Image

2 Publications

## Overview

Quantity:	100 µg
Target:	RPS3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Recombinant human ribosomal protein S3.
Specificity:	Recognizes human ribosomal protein S3. Detects a band of ~32 kDa by Western blot.
Cross-Reactivity:	Human
Sterility:	0.2 µm filtered

## Target Details

Target:	RPS3
Alternative Name:	Ribosomal Protein S3 ( <a href="#">RPS3 Products</a> )
Background:	RpS3 is a component of the 40S ribosomal subunit and is an essential but previously unknown subunit of NF-kappaB involved in the regulation of key genes in rapid cellular activation responses. RpS3 interacts with nm23-H1. The expression of rpS3 reduces the secretion of MMP-9 and the invasive metastatic potential in HT1080 cells. The phosphorylated ERK is

## Target Details

reduced by the expression of rpS3.

UniProt: [P23396](#)

Pathways: [Positive Regulation of Endopeptidase Activity](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: 0.2µm-filtered solution in PBS, pH 7.4. Contains no preservatives.

Preservative: Without preservative

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C  
Long Term Storage: -20°C  
Stable for at least 6 months after receipt when stored at -20°C.

Expiry Date: 6 months

## Publications

Product cited in: Sobolik-Delmaire, Reddy, Pashaj, Roberts, Wahl: "Plakophilin-1 localizes to the nucleus and interacts with single-stranded DNA." in: **The Journal of investigative dermatology**, Vol. 130, Issue 11, pp. 2638-46, (2010) ([PubMed](#)).

Western Blotting

**Image 1.** Western blot analysis using anti-RPS3 (human), pAb at 1:1'000 dilution. 1: Vector alone-transfected HEK 293 cell lysate (V). 2: RPS3 (FLAG ® -tagged)-transfected HEK 293 cell lysate (FS3).

