Datasheet for ABIN1169439

anti-RPS3 antibody

1 Image | 2 Publications

Go to Product page

Overview

Quantity:	100 µg
Target:	RPS3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS3 antibody is un-conjugated
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 (RPS3 Products)
Background:	RpS3 is a component of the 40S ribosomal subunit and is an an essential but previously unkown 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

Target Details

	MMP-9 and the invasive metastatic potential in HT1080 cells. The phosphorylated ERK is reduced by the expression of rpS3.
UniProt:	P23396
Pathways:	Positive Regulation of Endopeptidase Activity

Application Details

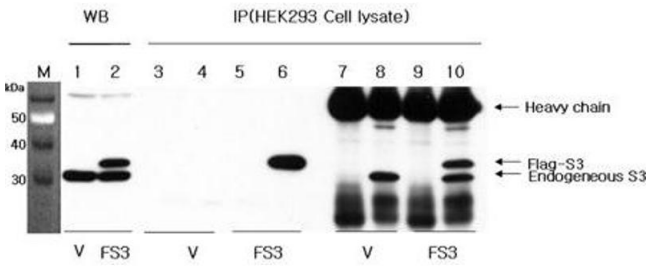
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

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:	Kim, Jang, Kim, Lee, Ahn, Kim: "Interaction of Hsp90 with ribosomal proteins protects from ubiquitination and proteasome-dependent degradation." in: **Molecular biology of the cell**, Vol. 17, Issue 2, pp. 824-33, (2006) (PubMed). Kim, Kim: "Reduction of invasion in human fibrosarcoma cells by ribosomal protein S3 in conjunction with Nm23-H1 and ERK." in: **Biochimica et biophysica acta**, Vol. 1763, Issue 8, pp. 823-32, (2006) (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).