

Anti-40S ribosomal protein S27 RPS27 Antibody

Catalog Number: A06699

About RPS27

Acts as a negative regulator of G1 to S cell cycle phase progression by inhibiting cyclin-dependent kinases. Inhibitory effects are additive with GADD45 proteins but occurs also in the absence of GADD45 proteins. Acts as a repressor of the orphan nuclear receptor NR4A1 by inhibiting AB domain-mediated transcriptional activity. May be involved in the hormone-mediated regulation of NR4A1 transcriptional activity. May play a role in mitochondrial protein synthesis.

Goernemann J., Virology 303:69-78(2002).

Chung H.K., J. Biol. Chem. 278:28079-28088(2003).

The MGC Project Team, Genome Res. 14:2121-2127(2004).

Overview

Product Name	Anti-40S ribosomal protein S27 RPS27 Antibody
Reactive Species	Human, Rat
Description	Boster Bio Anti-40S ribosomal protein S27 RPS27 Antibody catalog # A06699. Tested in WB,IHC applications. This antibody reacts with Human,Rat.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P42677

Technical Details

Immunogen	Synthesized peptide derived from internal of human GADD45GIP1.
Predicted Reactive Species	Chimpanzee, Drosophila, Macaque
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:500-1:2000 IHC: 1:50-1:200

Anti-40S ribosomal protein S27 RPS27 Antibody (A06699) Images

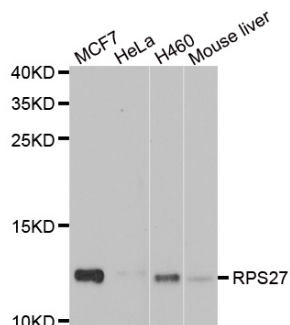


Figure 1. Western blotting validation for Anti-40S ribosomal protein S27 RPS27 Antibody A06699

Western blot analysis of extracts of various cell lines

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