

Anti-RPS20/Ribosomal Protein S20 Antibody

Catalog Number: A06634

About RPS20

Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S10P family of ribosomal proteins. It is located in the cytoplasm. This gene is co-transcribed with the small nucleolar RNA gene U54, which is located in its second intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Two transcript variants encoding different isoforms have been identified for this gene.

Chu W., Nucleic Acids Res. 21:1672-1672(1993).

Yoshihama M., Genome Res. 12:379-390(2002).

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

Overview

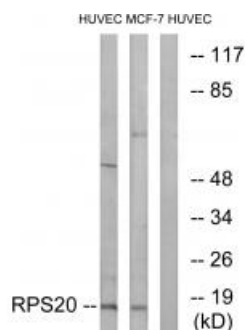
Product Name	Anti-RPS20/Ribosomal Protein S20 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-RPS20/Ribosomal Protein S20 Antibody (Catalog # A06634). Tested in WB, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, WB
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
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	P60866

Technical Details

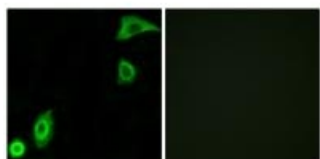
Immunogen	Synthesized peptide derived from internal of human RPS20.
Predicted Reactive Species	Chimpanzee, Drosophila, Macaque
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid

Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
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: Western blotting: 1:500~1:3000 Immunofluorescence: 1:100~1:500

Anti-RPS20/Ribosomal Protein S20 Antibody (A06634) Images



Western blot analysis of extracts from HUVEC cells and MCF-7 cells, using RPS20 antibody A06634.



Immunofluorescence analysis of A549 cells, using RPS20 antibody A06634.

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