

Anti-Ribosomal Protein S20 RPS20 Antibody

Catalog Number: A06634S20

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-Ribosomal Protein S20 RPS20 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Ribosomal Protein S20 RPS20 Antibody catalog # A06634S20. Tested in ELISA, IF, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
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 human Ribosomal Protein S20
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: WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:40000

Anti-Ribosomal Protein S20 RPS20 Antibody (A06634S20) Images

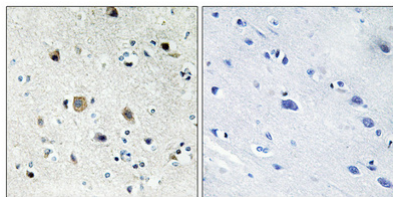


Figure 1. Immunohistochemistry validation of RPS20 using Anti-Ribosomal Protein S20 RPS20 Antibody (A06634S20).

Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4°C

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