

Ribosomal Protein S20 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07882
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human RPS20. AA range:31-80
Mol wt	13373
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Ribosomal Protein S20 Antibody
Synonyms	RPS20; 40S ribosomal protein S20

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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. RPS20 (ribosomal protein S20) 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. RPS20 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 RPS20 dispersed through the genome. Two transcript variants encoding different isoforms have been identified for RPS20.

Recommended Dilution

WB: 1: 500 - 1: 2000

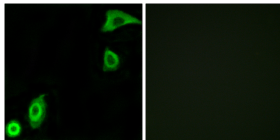
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

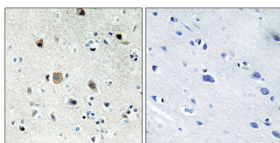
ELISA: 1: 40000

Not yet tested in other applications.

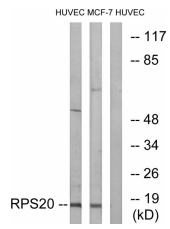
Images



Immunofluorescence analysis of A549 cells, using RPS20 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Western blot analysis of lysates from HUVEC and MCF-7 cells, using RPS20 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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