

Ribosomal Protein S8 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07894
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human RPS8. AA range:111-160
Mol wt	24205
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Ribosomal Protein S8 Antibody
Synonyms	RPS8; OK/SW-cl.83; 40S ribosomal protein S8

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. RPS8 encodes a ribosomal protein that is a component of the 40S subunit. 40S ribosomal protein S8 belongs to the S8E family of ribosomal proteins. It is located in the cytoplasm. Increased expression of this gene in colorectal tumors and colon polyps compared to matched normal colonic mucosa has been observed. This gene is co-transcribed with the small nucleolar RNA genes U38A, U38B, U39, and U40, which are located in its fourth, fifth, first, and second introns, respectively. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

Recommended Dilution

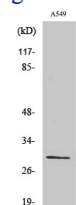
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

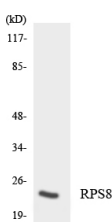
ELISA: 1: 20000

Not yet tested in other applications.

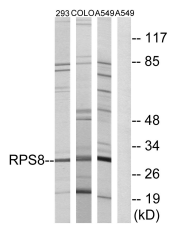
Images



Western blot analysis of various cells using Ribosomal Protein S8 Polyclonal Antibody diluted at 1:2000



Western blot analysis of the lysates from Jurkat cells using RPS8 antibody.



Western blot analysis of lysates from A549, 293, and COLO cells, using RPS8 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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