Ribosomal Protein L28 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07857
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human RPL28. AA range:41-90
Mol wt	15748
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Ribosomal Protein L28 Antibody
Synonyms	RPL28; 60S ribosomal protein L28

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. RPL28 encodes a ribosomal protein that is a component of the 60S subunit. 60S ribosomal protein L28 belongs to the L28E family of ribosomal proteins. It is located in the cytoplasm. Variable expression of this gene in colorectal cancers compared to adjacent normal tissues has been observed, although no correlation between the level of expression and the severity of the disease has been found. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
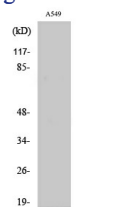
Recommended Dilution

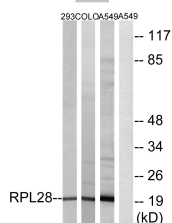WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

ELISA: 1: 20000

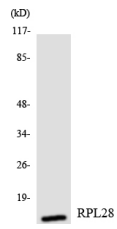Not yet tested in other applications.

Images

Western Blot analysis of various cells using Ribosomal Protein L28 Polyclonal Antibody diluted at 1:2000

Western blot analysis of lysates from A549, 293, and COLO cells, using RPL28 Antibody. The lane on the right is blocked with the synthesized peptide.

(kD)
117-
85-
48-
34-
26-
19-

RPL28

Western blot analysis of the lysates from HeLa cells using RPL28 antibody.

Storage

-20°C for one year