

Ribosomal Protein L27A Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP07856

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human RPL27A. AA range:99-148

Mol wt 16561

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name Ribosomal Protein L27A Antibody

Synonyms RPL27A; 60S ribosomal protein L27a

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

Background

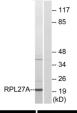
Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. RPL27A encodes a ribosomal protein that is a component of the 60S subunit. 60S ribosomal protein L27a belongs to the L15P 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, multiple processed pseudogenes derived from this gene are dispersed through the genome.

Recommended Dilution

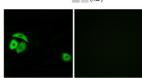
WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 IF: 1: 200 - 1: 1000 ELISA: 1: 40000

Not yet tested in other applications.

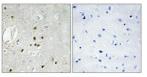
Images



Western blot analysis of lysates from COLO cells, using RPL27A Antibody. The lane on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of A549 cells, using RPL27A Antibody. The picture on the right is blocked with the synthesized peptide.



COLOMS (DD) 1177-85-48-34-26-19Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at $1:100(4^{\circ}$ overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

Western Blot analysis of various cells using Ribosomal Protein L27A Polyclonal Antibody diluted at 1:2000

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com