

Ribosomal Protein L31 Polyclonal Antibody

Description

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|--------------------------------|--|
| Product type | Primary Antibody |
| Code | BT-AP07860 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | The antiserum was produced against synthesized peptide derived from human RPL31. AA range:61-110 |
| Mol wt | 14463 |
| Species reactivity | Human, Mouse, Rat |
| Clonality | Polyclonal |
| Recommended application | IHC-p, ELISA |
| Concentration | 1 mg/ml |
| Full name | Ribosomal Protein L31 Antibody |
| Synonyms | RPL31; 60S ribosomal protein L31 |

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. RPL31 (ribosomal protein L31) encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L31E family of ribosomal proteins. It is located in the cytoplasm. Higher levels of expression of RPL31 in familial adenomatous polyps compared to matched normal tissues have been observed. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of RPL31 dispersed through the genome. Alternatively spliced transcript variants encoding distinct isoforms have been found for RPL31.

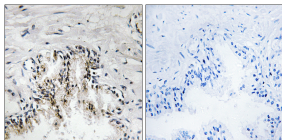
Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 40000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human prostate carcinoma tissue, using RPL31 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year