

## Ribosomal Protein L39 Polyclonal Antibody

### Description

|                                |                                                                                                |
|--------------------------------|------------------------------------------------------------------------------------------------|
| <b>Product type</b>            | Primary Antibody                                                                               |
| <b>Code</b>                    | BT-AP07866                                                                                     |
| <b>Host</b>                    | Rabbit                                                                                         |
| <b>Isotype</b>                 | IgG                                                                                            |
| <b>Size</b>                    | 20ul, 50ul, 100ul                                                                              |
| <b>Immunogen</b>               | The antiserum was produced against synthesized peptide derived from human RPL39. AA range:1-50 |
| <b>Mol wt</b>                  | 6407                                                                                           |
| <b>Species reactivity</b>      | Human, Mouse, Rat                                                                              |
| <b>Clonality</b>               | Polyclonal                                                                                     |
| <b>Recommended application</b> | WB, IHC-p, IF, ELISA                                                                           |
| <b>Concentration</b>           | 1 mg/ml                                                                                        |
| <b>Full name</b>               | Ribosomal Protein L39 Antibody                                                                 |
| <b>Synonyms</b>                | RPL39; 60S ribosomal protein L39                                                               |

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. RPL39 encodes a ribosomal protein that is a component of the 60S subunit. 60S ribosomal protein L39 belongs to the S39E family of ribosomal proteins. It is located in the cytoplasm. In rat, the protein is the smallest, and one of the most basic, proteins of the ribosome. This gene is co-transcribed with the U69 small nucleolar RNA gene, which is located in its second intron. 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

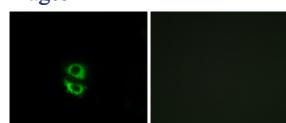
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

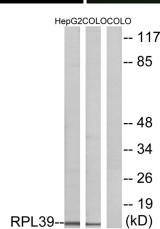
ELISA: 1: 40000

Not yet tested in other applications.

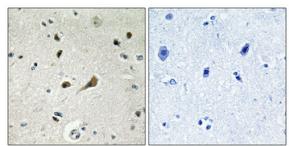
### Images



Immunofluorescence analysis of A549 cells, using RPL39 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COLO and HepG2 cells, using RPL39 Antibody. The lane 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. Negetive contrl (right) obtaind from antibody was pre-absorbed by immunogen peptide.



Western Blot analysis of various cells using Ribosomal Protein L39 Polyclonal Antibody

### Storage

-20°C for one year

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