

## Anti-RPL3 antibody

<b>Cat. No.</b>	ml224939
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-RPL3 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Fusion protein of human RPL3
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.6 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	RPL3
<b>Full name</b>	ribosomal protein L3

**Synonyms** L3; ASC-1; TARBP-B

**Swissprot** P39023

### Target Background

Ribosomes, the complexes 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. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L3P family of ribosomal proteins and it is located in the cytoplasm. The protein can bind to the HIV-1 TAR mRNA, and it has been suggested that the protein contributes to tat-mediated transactivation. This gene is co-transcribed with several small nucleolar RNA genes, which are located in several of this gene's introns. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

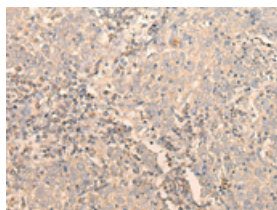
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm or Nucleus

Positive control: Human cervical cancer

Recommended dilution: 30-150

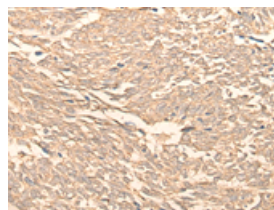


The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml224939(RPL3 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

Predicted cell location: Cytoplasm or Nucleus

Positive control: Human lung cancer

Recommended dilution: 30-150



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ml224939(RPL3 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 46 kDa

Positive control: 293T, Jurkat and Raji cell lysates

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

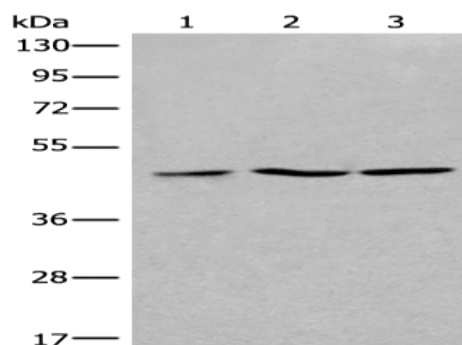
Lysate: 40 µg

Lane 1-3: 293T, Jurkat and Raji cell lysates

Primary antibody: ml224939(RPL3 Antibody) at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 seconds



## ELISA

Recommended dilution: 5000-10000

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