Anti-RPL3 antibody

Cat. No.	ml124939
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

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

Target information

Symbol	RPL3
Full name	ribosomal protein L3
Synonyms	L3; ASC-1; TARBP-B
Swissprot	P39023

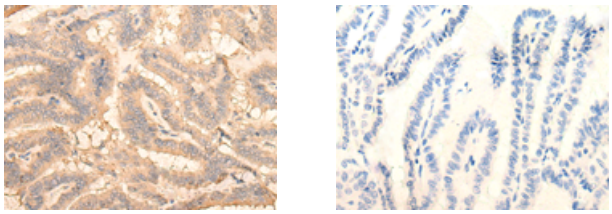
Target Background

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

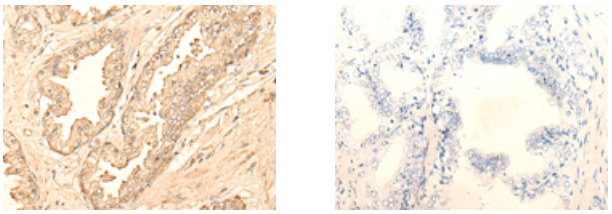
Immunohistochemistry

Predicted cell location: Cytoplasm or Nucleus
Positive control: Human thyroid cancer
Recommended dilution: 30-150



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml124939(RPL3 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: ×200)

Predicted cell location: Cytoplasm or Nucleus
Positive control: Human prostate cancer
Recommended dilution: 30-150

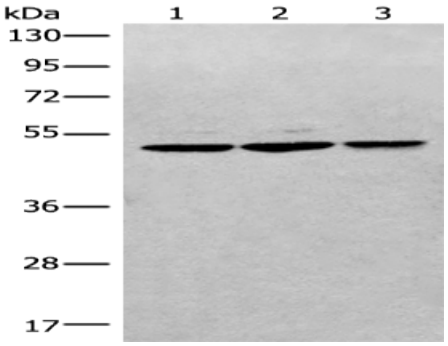


The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using ml124939(RPL3 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: ×200)

Western blotting

Predicted band size:46 kDa
Positive control:RAW264.7,Raji and Jurkat cell lysates
Recommended dilution: 500-2000

Gel: 8%SDS-PAGE
Lysate: 40 μg
Lane 1-3: RAW264.7,Raji and Jurkat cell lysates
Primary antibody: ml124939(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

联系电话：4008-898-798，021-61725725

联系QQ：2881505695，2881505696

邮箱：mlbio_cn@yeah.net

网址：www.mlbio.cn