



Ribosomal Protein L3 Polyclonal Antibody

Catalog No	YP-Ab-04138
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	RPL3
Immunogen	The antiserum was produced against synthesized peptide derived from human RPL3. AA range:211-260
Specificity	Ribosomal Protein L3 Polyclonal Antibody detects endogenous levels of Ribosomal Protein L3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	60S ribosomal protein L3;HIV-1 TAR RNA-binding protein B;Large ribosomal subunit protein uL3;Ribosomal Protein L3;RPL3;OK/SW-cl.32;TARBP-B
Observed Band	46kD
Calculated Molecular Weight	46kD
Cell Pathway	Nucleus, nucleolus . Cytoplasm .
Tissue Specificity	Brain,Colon,Colon adenocarcinoma,Lung,Muscle,Ovary,PNS,Prostate,Skeletal muscle,Ski
Function	caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,function:The L3 protein is a component of the large subunit of cytoplasmic ribosomes., similarity:Belongs to the ribosomal protein L3P family.,
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. [provided by RefSeq, Jul

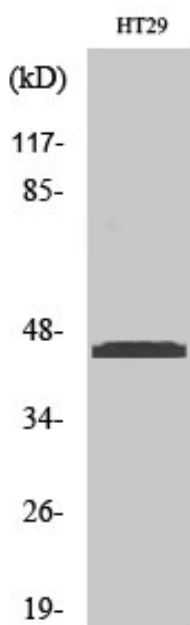
matters needing attention

Avoid repeated freezing and thawing!

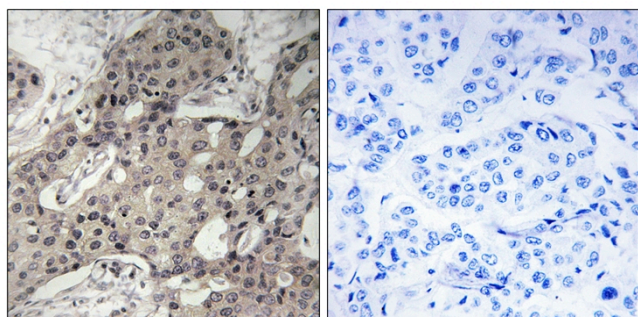
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

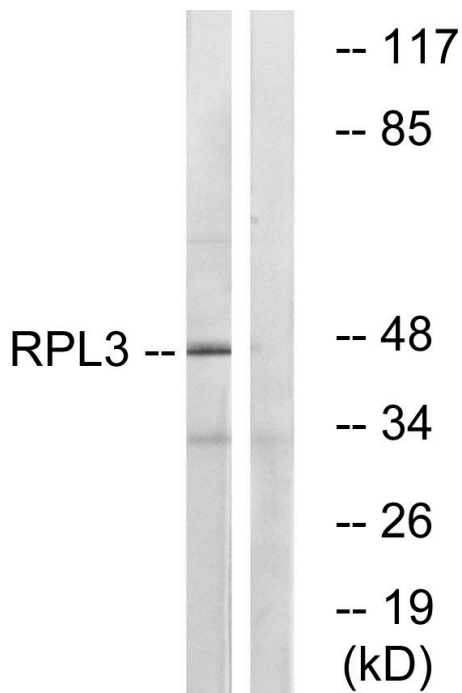
Products Images



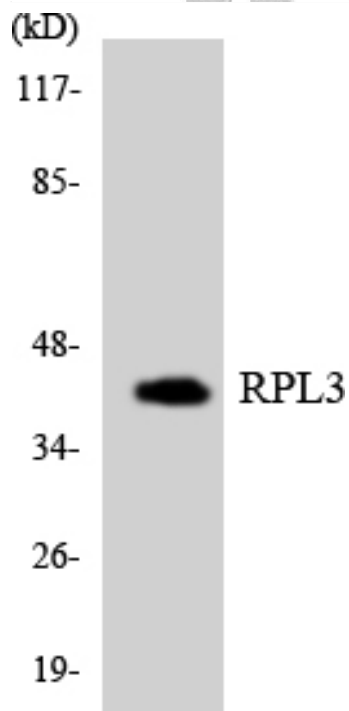
Western Blot analysis of various cells using Ribosomal Protein L3 Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using RPL3 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HT-29 cells, using RPL3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HUVEC cells using RPL3 antibody.