

# Immunotag™ Ribosomal Protein L3 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT4105
Product Description	Immunotag™ Ribosomal Protein L3 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	rRNA Protein L3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from Ribosomal Protein L3, at AA range: 180-260
Specificity	Ribosomal Protein L3 Polyclonal Antibody detects endogenous levels of Ribosomal Protein L3 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	RPL3
Accession No.	P39023 P27659 P21531
Alternate Names	RPL3; OK/SW-cl.32; 60S ribosomal protein L3; HIV-1 TAR RNA-binding protein B; TARBP-B

## Antibody Specification

Description	ribosomal protein L3(RPL3) Homo sapiens 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
Cell Pathway/ Category	Ribosome,
Protein Expression	Brain,Colon,Colon adenocarcinoma,Lung,Muscle,Ovary,PNS,Prostate,Skeletal muscle,Ski
Subcellular Localization	nucleus,nucleoplasm,nucleolus,cytoplasm,cytosol,ribosome,focal adhesion,cytosolic large ribosomal subunit,extracellular exosome,
Protein 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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.