

## Immunotag™ Ribosomal Protein L11 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT4094
Product Description	Immunotag™ Ribosomal Protein L11 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 L11
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. 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 L11, at AA range: 100-180
Specificity	Ribosomal Protein L11 Polyclonal Antibody detects endogenous levels of Ribosomal Protein L11 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	RPL11
Accession No.	P62913 Q9CXW4 P62914
Alternate Names	RPL11; 60S ribosomal protein L11; CLL-associated antigen KW-12

## Antibody Specification

Description	ribosomal protein L11(RPL11) Homo sapiens 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. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L5P family of ribosomal proteins. It is located in the cytoplasm. The protein probably associates with the 5S rRNA. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Dec 2010],
Cell Pathway/ Category	Ribosome,
Protein Expression	Amygdala,Cervix carcinoma,Tonsil,
Subcellular Localization	nucleoplasm,nucleolus,cytoplasm,cytosol,ribosome,membrane,cytosolic large ribosomal subunit,extracellular matrix,extracellular exosome,
Protein Function	disease:Defects in RPL11 are the cause of Diamond-Blackfan anemia type 7 (DBA7) [MIM:612562]. DBA7 is a form of Diamond-Blackfan anemia, a congenital non-regenerative hypoplastic anemia that usually presents early in infancy. Diamond-Blackfan anemia is characterized by a moderate to severe macrocytic anemia, erythroblastopenia, and an increased risk of malignancy. 30 to 40% of Diamond-Blackfan anemia patients present with short stature and congenital anomalies, the most frequent being craniofacial (Pierre-Robin syndrome and cleft palate), thumb and urogenital anomalies.,function:Binds to 5S ribosomal RNA (By similarity). Required for rRNA maturation and formation of the 60S ribosomal subunits.,similarity:Belongs to the ribosomal protein L5P family.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.