

# Immunotag™ Ribosomal Protein L23 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT4101
Product Description	Immunotag™ Ribosomal Protein L23 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 L23
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: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat,Monkey
Host Species	Rabbit
Immunogen	Synthesized peptide derived from Ribosomal Protein L23, at AA range: 30-110
Specificity	Ribosomal Protein L23 Polyclonal Antibody detects endogenous levels of Ribosomal Protein L23 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	RPL23
Accession No.	P62829 P62830 P62832
Alternate Names	RPL23; 60S ribosomal protein L23; 60S ribosomal protein L17

## Antibody Specification

Description	ribosomal protein L23(RPL23) 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 L14P family of ribosomal proteins. It is located in the cytoplasm. This gene has been referred to as rpL17 because the encoded protein shares amino acid identity with ribosomal protein L17 from <i>Saccharomyces cerevisiae</i> ; however, its official symbol is RPL23. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Jul 2008],
Cell Pathway/ Category	Ribosome,
Protein Expression	Brain,Kidney,Uterus,
Subcellular Localization	nucleolus,cytoplasm,cytosol,ribosome,focal adhesion,membrane,cytosolic large ribosomal subunit,extracellular matrix,extracellular exosome,
Protein Function	similarity:Belongs to the ribosomal protein L14P family.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.