

# Immunotag™ Ribosomal Protein S21 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT4130
Product Description	Immunotag™ Ribosomal Protein S21 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 S21
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	IHC-p,ELISA
Recommended Dilution	Immunohistochemistry: 1/100 - 1/300. 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 S21, at AA range: 1-80
Specificity	Ribosomal Protein S21 Polyclonal Antibody detects endogenous levels of Ribosomal Protein S21 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	RPS21
Accession No.	P63220 Q9CQR2 P05765
Alternate Names	RPS21; 40S ribosomal protein S21

## Antibody Specification

Description	ribosomal protein S21(RPS21) 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 40S subunit. The protein belongs to the S21E family of ribosomal proteins. It is located in the cytoplasm. Alternative splice variants that encode different protein isoforms have been described, but their existence has not been verified. 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	Blood cells,Brain,Pancreas,Placenta,T-cell,
Subcellular Localization	nucleoplasm,cytoplasm,cytosol,ribosome,small ribosomal subunit,cytosolic small ribosomal subunit,
Protein Function	similarity:Belongs to the ribosomal protein S21e family.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.