

Immunotag™ Ribosomal Protein S18 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT4125
Product Description	Immunotag™ Ribosomal Protein S18 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 S18
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. 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 S18, at AA range: 50-130
Specificity	Ribosomal Protein S18 Polyclonal Antibody detects endogenous levels of Ribosomal Protein S18 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	RPS18
Accession No.	P62269 P62270 P62271
Alternate Names	RPS18; D6S218E; 40S ribosomal protein S18; Ke-3; Ke3

Antibody Specification

Description	ribosomal protein S18(RPS18) 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 S13P family of ribosomal proteins. It is located in the cytoplasm. The gene product of the E. coli ortholog (ribosomal protein S13) is involved in the binding of fMet-tRNA, and thus, in the initiation of translation. This gene is an ortholog of mouse Ke3. 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	Bone,Brain,Colon carcinoma,Embryonal rhabdomyosarcoma,Placenta,
Subcellular Localization	collagen trimer,nucleus,nucleoplasm,cytosol,ribosome,focal adhesion,small ribosomal subunit,membrane,cytosolic small ribosomal subunit,extracellular matrix,extracellular exosome,
Protein Function	function:Located at the top of the head of the 40S subunit, it contacts several helices of the 18S rRNA.,similarity:Belongs to the ribosomal protein S13P family.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.