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Immunotag™ Ribosomal Protein S2 Polyclonal Antibody

Antibody Specification

Catalog No.	ITT4128
Product Description	Immunotag™ Ribosomal Protein S2 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 S2
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 S2, at AA range: 220-300
Specificity	Ribosomal Protein S2 Polyclonal Antibody detects endogenous levels of Ribosomal Protein S2 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	RPS2
Accession No.	P15880 P25444 P27952
Alternate Names	RPS2; RPS4; 40S ribosomal protein S2; 40S ribosomal protein S4; Protein LLRep3

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Description	ribosomal protein S2(RPS2) 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 S5P family of ribosomal proteins. It is located in the cytoplasm. This gene shares sequence similarity with mouse LLRep3. It is co-transcribed with the small nucleolar RNA gene U64, which is located in its third intron. 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,Cervix,Colon,Epithelium,Eye,Kidney,Lung,Mammary gland,Muscle,Placenta,Skin,Te
Subcellular Localization	nucleus,nucleoplasm,nucleolus,cytoplasm,cytosol,ribosome,cell-cell adherens junction,focal adhesion,small ribosomal subunit,membrane,cytosolic small ribosomal subunit,extracellular exosome,
Protein Function	similarity:Belongs to the ribosomal protein S5P family.,similarity:Contains 1 S5 DRBM domain.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.