

# Immunotag™ Ribosomal Protein L18 Polyclonal Antibody

| Antibody Specification |  |
|------------------------|--|
| Catalog No.            | ITT4099  |
| Product Description    | Immunotag™ Ribosomal Protein L18 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 L18   |
| 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  |
| Host Species           | Rabbit   |
| Immunogen              | Synthesized peptide derived from Ribosomal Protein L18, at AA range: 80-160  |
| Specificity            | Ribosomal Protein L18 Polyclonal Antibody detects endogenous levels of Ribosomal Protein L18 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              | RPL18  |
| Accession No.          | Q07020 P35980 P12001   |
| Alternate Names        | RPL18; 60S ribosomal protein L18   |

## Antibody Specification

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| Description                 | ribosomal protein L18(RPL18) 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 member of the L18E family of ribosomal proteins that is a component of the 60S subunit. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012], |
| Cell Pathway/<br>Category   | Ribosome,   |
| Protein<br>Expression       | Brain,Colon,Epithelium,Lung,  |
| Subcellular<br>Localization | nucleus,nucleolus,cytoplasm,cytosol,ribosome,focal adhesion,membrane,cytosolic large ribosomal subunit,   |
| Protein Function            | similarity:Belongs to the ribosomal protein L18e family.,   |
| Usage                       | For Research Use Only! Not for diagnostic or therapeutic procedures.  |