



Anti-RPL21 (aa 2-85) polyclonal antibody (DPAB-DC2732)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | 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 L21E family of ribosomal proteins. It is located in the cytoplasm. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. |
| Immunogen | RPL21 (NP_000973, 2 a.a. ~ 85 a.a) partial recombinant protein with GST tag. The sequence is TNTKGKRRGTRYMF SRPFRKHGVVPLATYMRIYKKGDIVDIKGMGTVQKGMMPHKCYHGKT GRVYNVTQHAVGIVVNKQVKGKIL |
| Source/Host | Mouse |
| Species Reactivity | Human, Mouse |
| Conjugate | Unconjugated |
| Applications | WB (Cell lysate), WB (Cell lysate), WB (Cell lysate), WB (Recombinant protein), ELISA, |
| Size | 50 µl |
| Buffer | 50 % glycerol |
| Preservative | None |
| Storage | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

GENE INFORMATION

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| Gene Name | RPL21 ribosomal protein L21 [Homo sapiens (human)] |
| Official Symbol | RPL21 |
| Synonyms | RPL21; ribosomal protein L21; L21; 60S ribosomal protein L21; |
| Entrez Gene ID | 6144 |
| Protein Refseq | NP_000973 |
| UniProt ID | P46778 |
| Chromosome Location | 13q12.2 |
| Pathway | Cap-dependent Translation Initiation; Disease; Eukaryotic Translation Initiation; Formation of a pool of free 4S subunits. |
| Function | RNA binding; poly(A) RNA binding; structural constituent of ribosome; |