



Anti-RPL37A (aa 2-50) polyclonal antibody (DPAB-DC2739)

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 L37AE family of ribosomal proteins. It is located in the cytoplasm. The protein contains a C4-type zinc finger-like domain. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. |
| Immunogen | RPL37A (NP_000989, 2 a.a. ~ 50 a.a) partial recombinant protein with GST tag. The sequence is AKRTKKVGVIVGKYGTRYGASLRKMKVKKIEISQHAKYTCGKTKMKRR |
| Source/Host | Mouse |
| Species Reactivity | Human |
| Conjugate | Unconjugated |
| Applications | 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 | RPL37A ribosomal protein L37a [Homo sapiens (human)] |
| Official Symbol | RPL37A |
| Synonyms | RPL37A; ribosomal protein L37a; L37A; 60S ribosomal protein L37a; |
| Entrez Gene ID | 6168 |
| Protein Refseq | NP_000989 |
| UniProt ID | P61513 |
| Chromosome Location | 2q35 |
| Pathway | Cap-dependent Translation Initiation; Disease; Eukaryotic Translation Initiation; Formation of a pool of free 40S subunits |
| Function | metal ion binding; poly(A) RNA binding; structural constituent of ribosome; |
