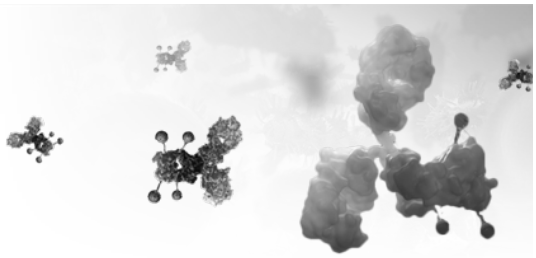

# Human RPL8 blocking peptide (CDBP2529)

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

## PRODUCT INFORMATION

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|---|---|
| **Product Overview** | Blocking/Immunizing peptide for anti-ribosomal protein L8 antibody |
| **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 L2P family of ribosomal proteins. It is located in the cytoplasm. In rat, the protein associates with the 5.8S rRNA, very likely participates in the binding of aminoacyl-tRNA, and is a constituent of the elongation factor 2-binding site at the ribosomal subunit interface. Alternatively spliced transcript variants encoding the same protein exist. 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] |
| **Species** | Human |
| **Conjugate** | Unconjugated |
| **Applications** | Apuri, BL, ELISA |
| **Format** | Lyophilized powder |
| **Size** | 100 µg |
| **Preservative** | None |
| **Storage** | Shipped at ambient temperature, store at -20°C. |

## GENE INFORMATION

| | |
|---|---|
| **Gene Name** | RPL8 ribosomal protein L8 [ Homo sapiens ] |
| **Official Symbol** | RPL8 |

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|---|---|
| **Synonyms** | RPL8; ribosomal protein L8; 60S ribosomal protein L8; L8; |
| **Entrez Gene ID** | 6132 |
| **mRNA Refseq** | NM_000973 |
| **Protein Refseq** | NP_000964 |
| **UniProt ID** | P62917 |
| **Chromosome Location** | 8q24.3 |
| **Pathway** | Cap-dependent Translation Initiation, organism-specific biosystem; Cytoplasmic Ribosomal Proteins, organism-specific biosystem; Disease, organism-specific biosystem; Eukaryotic Translation Elongation, organism-specific biosystem; Eukaryotic Translation Initiation, organism-specific biosystem; Eukaryotic Translation Termination, organism-specific biosystem; Formation of a pool of free 40S subunits, organism-specific biosystem; |
| **Function** | RNA binding; rRNA binding; structural constituent of ribosome; |

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