

## Anti-RL1D1 antibody

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|---------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>        | Unconjugated Rabbit polyclonal to RL1D1                                                                                 |
| <b>Model</b>              | STJ191338                                                                                                               |
| <b>Host</b>               | Rabbit                                                                                                                  |
| <b>Reactivity</b>         | Human                                                                                                                   |
| <b>Applications</b>       | ELISA, WB                                                                                                               |
| <b>Immunogen</b>          | Synthesized peptide derived from human RL1D1 protein.                                                                   |
| <b>Immunogen Region</b>   | 280-360aa                                                                                                               |
| <b>Gene ID</b>            | <a href="#">26156</a>                                                                                                   |
| <b>Gene Symbol</b>        | <a href="#">RSL1D1</a>                                                                                                  |
| <b>Dilution range</b>     | WB 1:500-2000 ELISA 1:5000-20000                                                                                        |
| <b>Specificity</b>        | RL1D1 Polyclonal Antibody detects endogenous levels of protein.                                                         |
| <b>Tissue Specificity</b> | Expressed at high intensities in the heart, skeletal muscle, and placenta.                                              |
| <b>Purification</b>       | RL1D1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Note</b>               | For Research Use Only (RUO).                                                                                            |
| <b>Protein Name</b>       | Ribosomal L1 domain-containing protein 1 CATX-11 Cellular senescence-inhibited gene protein Protein PBK1                |
| <b>Molecular Weight</b>   | 53 kDa                                                                                                                  |
| <b>Clonality</b>          | Polyclonal                                                                                                              |

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|------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>           | Unconjugated                                                                                                                       |
| <b>Isotype</b>               | IgG                                                                                                                                |
| <b>Formulation</b>           | Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                |
| <b>Concentration</b>         | 1 mg/ml                                                                                                                            |
| <b>Storage Instruction</b>   | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                                               |
| <b>Database Links</b>        | <a href="#">HGNC:24534OMIM:615874</a>                                                                                              |
| <b>Alternative Names</b>     | Ribosomal L1 domain-containing protein 1 CATX-11 Cellular senescence-inhibited gene protein Protein PBK1                           |
| <b>Function</b>              | Regulates cellular senescence through inhibition of PTEN translation. Acts as a pro-apoptotic regulator in response to DNA damage. |
| <b>Cellular Localization</b> | Nucleus, nucleolus. Colocalizes with ING1 in the nucleolus after UV stress.                                                        |

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