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# Rabbit Anti-RSL1D1/FITC Conjugated antibody

SL0793R-FITC

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| **Product Name:** | Anti-RSL1D1/FITC |
| **Chinese Name:** | FITC标记的细胞衰老抑制基因抗体 |
| **Alias:** | CATX 11; CATX-11; CATX11; Cellular senescence inhibited gene protein; L12; PBK1; CSIG; L12; PBK1; Protein PBK1; Ribosomal L1 domain-containing protein 1; RL1D1_HUMAN; Ribosomal L1 domain containing 1. |
| **Organism Species:** | Rabbit |
| **Clonality:** | Polyclonal |
| **React Species:** | Human,Mouse,Rat, |
| **Applications:** | IF=1:50-200<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Molecular weight:** | 55kDa |
| **Form:** | Lyophilized or Liquid |
| **Concentration:** | 1mg/ml |
| **immunogen:** | KLH conjugated synthetic peptide derived from human CSIG |
| **Lsotype:** | IgG |
| **Purification:** | affinity purified by Protein A |
| **Storage Buffer:** | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| **Storage:** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| **Product Detail:** | **background:**<br>RSL1D1, also known as CATX-11, PBK1, L12 or CSIG, is a 490 amino acid nuclear protein that belongs to the ribosomal protein L1P family. Expressed in placenta, RSL1D1 contains many phosphorylated amino acid residues and is encoded by a gene that maps to human chromosome 16p13.13. Chromosome 16 encodes over 900 genes in approximately 90 million base pairs, makes up nearly 3% of human cellular DNA and is associated with a variety of genetic disorders. The GAN gene is located on chromosome 16 and, with mutation, may lead to giant axonal neuropathy, a nervous |

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| | system disorder characterized by increasing malfunction with growth. The rare disorder Rubinstein-Taybi syndrome is also associated with chromosome 16, though through the CREBBP gene which encodes a critical CREB binding protein. Signs of Rubinstein-Taybi include mental retardation and predisposition to tumor growth and white blood cell neoplasias.<br><br>**Subcellular Location:**<br>Nucleus, nucleolus.<br><br>**Tissue Specificity:**<br>Placenta.<br><br>**Similarity:**<br>Belongs to the ribosomal protein L1P family. Highly divergent.<br><br>**Database links:**<br><br>Entrez Gene: 26156 Human<br><br>SwissProt: O76021 Human<br><br>Unigene: 401842 Human<br><br>**Important Note:**<br>This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.<br><br>CSIG可抑制细胞衰老并延长细胞寿命<br>,可能通过核糖体生物合成过程或基因转录调节来调控细胞衰老过程. |