SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-RSL1D1/FITC Conjugated antibody

Catalog Number: SL0793R-FITC

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-RSL1D1/FITC
Immunogen:	KLH conjugated synthetic peptide derived from human CSIG
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Rat,Human(predicted:Mouse)
Background:	background: 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 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. **Subcellular Location:** Nucleus, nucleolus.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Tissue Specificity: Placenta. **Similarity:** Belongs to the ribosomal protein L1P family. Highly divergent. **Database links:** **Entrez Gene:** 26156 Human **SwissProt:** O76021 Human **Unigene:** 401842 Human Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. CSIG can inhibit cellular senescence and extend cellular lifespan, possibly regulating the cellular senescence process through ribosome biogenesis or gene transcription regulation.

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