

**bs-0793R****[ Primary Antibody ]****Bioss**  
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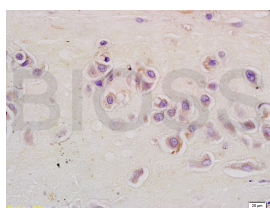
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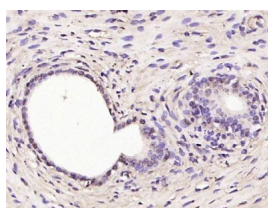
400-901-9800

**RSL1D1 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 26156 <b>Target:</b> RSL1D1 <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human RSL1D1: 151-250/490. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. <b>Background:</b> 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.	<b>Isotype:</b> IgG <b>SWISS:</b> O76021 <b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:400-800) <b>IHC-F</b> (1:400-800) <b>IF</b> (1:100-500) <b>Reactivity:</b> Mouse, Rat  <b>Predicted MW.:</b> 55 kDa <b>Subcellular Location:</b> Nucleus
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**— VALIDATION IMAGES —**

Tissue/cell: human placenta tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-CSIG Polyclonal Antibody, Unconjugated (bs-R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody (SP-0023) and DAB (C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (rat uterus); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (RSL1D1) Polyclonal Antibody, Unconjugated (bs-0793R) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) (sp-0023) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=1.55]** Li, Xiao-Ping, et al. "Overexpression of ribosomal L1 domain containing 1 is associated with an aggressive phenotype and a poor prognosis in patients with prostate cancer." *Oncology Letters*. IHC ;="Human". 27073561