

bs-7897R

[Primary Antibody]

CDC2L5 Rabbit pAb



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— DATASHEET —

<p>Host: Rabbit</p> <p>Clonality: Polyclonal</p> <p>GeneID: 8621</p> <p>Target: CDC2L5</p> <p>Immunogen: KLH conjugated synthetic peptide derived from human CDC2L5: 601-700/1512.</p> <p>Purification: affinity purified by Protein A</p> <p>Concentration: 1mg/ml</p> <p>Storage: 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.</p> <p>Background: Cyclin-dependent kinase which displays CTD kinase activity and is required for RNA splicing. Has CTD kinase activity by hyperphosphorylating the C-terminal heptapeptide repeat domain (CTD) of the largest RNA polymerase II subunit RPB1, thereby acting as a key regulator of transcription elongation. Required for RNA splicing, probably by phosphorylating SRSF1/SF2. Required during hematopoiesis. In case of infection by HIV-1 virus, interacts with HIV-1 Tat protein acetylated at 'Lys-50' and 'Lys-51', thereby increasing HIV-1 mRNA splicing and promoting the production of the doubly spliced HIV-1 protein Nef. Tissue specificity: Expressed in fetal brain, liver, muscle and in adult brain. Also expressed in neuroblastoma and glioblastoma tumors.</p>	<p>Isotype: IgG</p> <p>Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000)</p> <p>Reactivity: Rat (predicted: Human, Mouse, Pig, Sheep, Cow, Dog)</p> <p>Predicted MW.: 165 kDa</p> <p>Subcellular Location: Nucleus</p>
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