

**bs-3999R****[ Primary Antibody ]****CDK11 Rabbit pAb****Bioss**  
**ANTIBODIES**

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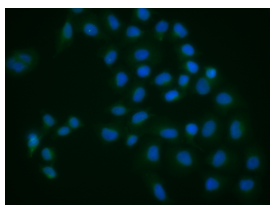
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> ICC/IF (1:50)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human (predicted: Mouse, Rat, Rabbit, Pig, Sheep, Cow, Dog)
<b>GeneID:</b> 984		<b>Predicted MW.:</b> 93 kDa
<b>Target:</b> CDK11		<b>Subcellular Location:</b> Nucleus
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human CDK11: 21-120/795.		
<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> Summary: This gene encodes a member of the p34Cdc2 protein kinase family. p34Cdc2 kinase family members are known to be essential for eukaryotic cell cycle control. This gene is in close proximity to CDC2L2, a nearly identical gene in the same chromosomal region. The gene loci including this gene, CDC2L2, as well as metalloprotease MMP21/22, consist of two identical, tandemly linked genomic regions which are thought to be a part of the larger region that has been duplicated. This gene and CDC2L2 were shown to be deleted or altered frequently in neuroblastoma with amplified MYCN genes. The protein kinase encoded by this gene could be cleaved by caspases and was demonstrated to play roles in cell apoptosis. Several alternatively spliced variants of this gene have been reported. [provided by RefSeq, Jul 2008].		

**— VALIDATION IMAGES —**

HeLa cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (CDK11) polyclonal Antibody, Unconjugated (bs-3999R) 1:50, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.