

**bs-7480R****[ Primary Antibody ]****BioSS**  
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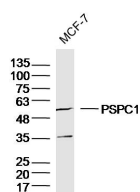
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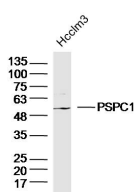
400-901-9800

**PSPC1 Rabbit pAb****— DATASHEET —**

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| <b>Host:</b> Rabbit<br><b>Clonality:</b> Polyclonal<br><b>GeneID:</b> 55269<br><b>Target:</b> PSPC1<br><b>Immunogen:</b> KLH conjugated synthetic peptide derived from human PSPC1: 21-120/523.<br><b>Purification:</b> affinity purified by Protein A<br><b>Concentration:</b> 1mg/ml<br><b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.<br><b>Background:</b> This gene encodes a nucleolar protein that localizes to punctate subnuclear structures that occur close to splicing speckles, known as paraspeckles. These paraspeckles are composed of RNA-protein structures that include a non-coding RNA, NEAT1/Men epsilon/beta, and the Drosophila Behavior Human Splicing family of proteins, which include the product of this gene and the P54NRB/NONO and PSF/SFPQ proteins. Paraspeckles may function in the control of gene expression via an RNA nuclear retention mechanism. The protein encoded by this gene is found in paraspeckles in transcriptionally active cells, but it localizes to unique cap structures at the nucleolar periphery when RNA polymerase II transcription is inhibited, or during telophase. Alternative splicing of this gene results in multiple transcript variants. A related pseudogene, which is also located on chromosome 13, has been identified. [provided by RefSeq, Aug 2011] | <b>Isotype:</b> IgG<br><b>SWISS:</b> Q8WXF1<br><b>Applications:</b> WB (1:500-2000)<br><b>Reactivity:</b> Human (predicted: Mouse, Rat, Chicken)<br><br><b>Predicted MW.:</b> 59 kDa<br><b>Subcellular Location:</b> Nucleus |
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**— VALIDATION IMAGES —**

Sample: MCF-7 Cell (Human) Lysate at 30 ug  
Primary: Anti-PSPC1 (bs-7480R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 59kD  
Observed band size: 55kD



Sample: Hcclm3 Cell (Human) Lysate at 30 ug  
Primary: Anti-PSPC1 (bs-7480R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 59kD  
Observed band size: 55kD