

**bs-6552R****[ Primary Antibody ]****NANOGP8 Rabbit pAb****BioSS**  
**ANTIBODIES**

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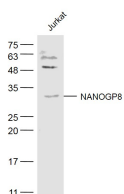
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**— DATASHEET —**

|   |                      |   |
|---|----------------------|---|
| <b>Host:</b> Rabbit   | <b>Isotype:</b> IgG  | <b>Applications:</b> WB (1:500-2000)  |
| <b>Clonality:</b> Polyclonal  |                      | <b>Reactivity:</b> Human (predicted: Rabbit, Sheep, Cow, Chicken, Dog, Horse) |
| <b>GeneID:</b> 388112   | <b>SWISS:</b> Q6NSW7 | <b>Predicted MW.:</b> 34 kDa  |
| <b>Target:</b> NANOGP8  |                      | <b>Subcellular Location:</b> Nucleus  |
| <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human NANOGP8: 101-200/305.   |                      |   |
| <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.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.  |                      |   |
| <b>Background:</b> This locus is a processed pseudogene of the transcription factor NANOG. NANOG plays a central role in regulating self-renewal in pluripotent stem cells and tumor cells. This pseudogene contains an intact open reading frame that could potentially encode a protein similar to NANOG. Although there is no evidence of transcription from this pseudogene, RT-PCR studies suggest that NANOGP8 may be expressed in some cancer cell lines. In vitro studies using a recombinant NANOGP8 protein have shown that the protein localizes to the nucleus and can promote cell proliferation, similar to NANOG. [provided by RefSeq, Sep 2009] |                      |   |

**— VALIDATION IMAGES —**

Sample: Jurkat(Human) Cell Lysate at 30 ug  
Primary: Anti-NANOGP8 (bs-6552R) at 1/500  
dilution Secondary: IRDye800CW Goat Anti-  
Rabbit IgG at 1/20000 dilution Predicted band  
size: 34 kD Observed band size: 34 kD