bs-6552R **[Primary Antibody]**

NANOGP8 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 388112 **SWISS:** Q6NSW7

Target: NANOGP8

Immunogen: KLH conjugated synthetic peptide derived from human NANOGP8: 101-200/305.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

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.

Background: 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]

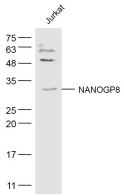
Applications: **WB** (1:500-2000)

Reactivity: Human (predicted: Rabbit, Sheep, Cow, Chicken, Dog, Horse)

Predicted MW.: 34 kDa

Subcellular Location: Nucleus

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