



## Nanog P8 Polyclonal Antibody

Catalog No         BYab-01890           Isotype         IgG           Reactivity         Human;Rat;Mouse;           Applications         WB;IF;ELISA;IHC           Gene Name         NANOGP8           Protein Name         Putative homeobox protein NANOGP8           Immunogen         The antiserum was produced against synthesized peptide derived from human NANOGP8. AA range:51-100           Specificity         Nanog P8 Polyclonal Antibody detects endogenous levels of Nanog P8 protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Polyclonal, Rabbit,IgG           Purification         The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000; IF/ICC 1:50-200;ELISA 1:2000-20000;IHC-p 1:50-200           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         NANOGP8; Putative homeobox protein NANOGP8           Observed Band         35kD           Cell Pathway         Nucleus :           Tissue Specificity         Embryonic stem cell, Teratocarcinoma, Urinary bladder carcinoma, ECC cells. Expressed in inner cell mass (ICM) of the blastocyst and gonocytes between 14 and 19 weeks of gestation (at protein level). No		
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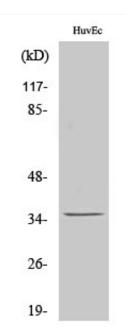


differentiation of ES cells by physically interacting with SMAD1 an
This locus is a processed pseudogene of the transcription factor NANOG. NANOG plays a central role in regulating self-renewal in pluripotent stem cells and tumor cells. This pseudogene contains an intact open reading frame that could 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],
Avoid repeated freezing and thawing!
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

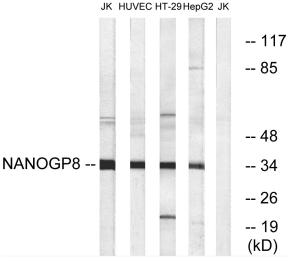




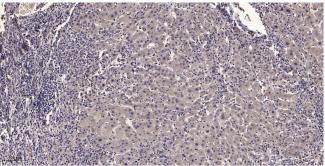
## **Products Images**



Western Blot analysis of various cells using Nanog P8 Polyclonal Antibody diluted at 1:2000



Western blot analysis of lysates from HUVEC, HT-29, HepG2, and Jurkat cells, using NANOGP8 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

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