



Nanog P8 rabbit pAb

Cat No.:ES2895

For research use only

Overview

Product Name	Nanog P8 rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA;IHC
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000; IF/ICC 1:50-200;ELISA 1:2000-20000;IHC-p 1:50-200
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.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Putative homeobox protein NANOGP8
Gene Name	NANOGP8
Cellular localization	Nucleus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	35kD
Human Gene ID	388112
Human Swiss-Prot Number	Q6NSW7
Alternative Names	NANOGP8; Putative homeobox protein NANOGP8
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

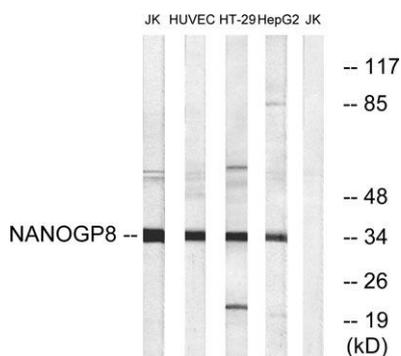




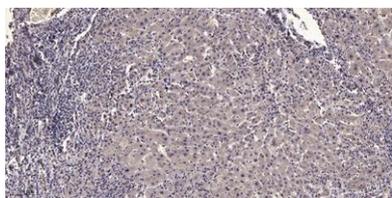
pseudogene, RT-PCR studies suggest that NANOGP8 may be expressed in some cancer cell lines. In vitro studies using a recombinant NANOGP8 protein have shown that the protein localizes to the nucleus and can promote cell proliferation, similar to NANOG. [provided by RefSeq, Sep 2009],



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).

