干细胞转录因子 NANOGP8 抗体

产品货号： mlR6552

英文名称： NANOGP8

中文名称： 干细胞转录因子 NANOGP8 抗体

别　　名： Homeobox protein NANOGP8; MGC119250; NANOG; Nanog homeobox pseudogene 8; NANOGP 8; NANOGP1; NANOGP8; NANP8_HUMAN.

研究领域： 肿瘤　细胞生物　免疫学　染色质和核信号　转录调节因子　肿瘤细胞生物标志物

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Chicken, Dog, Cow, Horse, Rabbit, Sheep,

产品应用： WB=1:500-2000 ELISA=1:500-1000

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 34kDa

细胞定位： 细胞核

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human NANOGP8:101-200/305

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed： PubMed

产品介绍 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]

Function:

May act as a transcription regulator. When overexpressed, promotes entry of cells into S phase and cell proliferation.

Subcellular Location:

Nucleus.

Tissue Specificity:

Expressed in osteosarcoma cancer cell line (at protein level). breast and urinary bladder tissues, and also osteosarcoma, hepatoma, and breast adenocarcinoma cancer cell lines.

Similarity:

Belongs to the Nanog homeobox family.

Contains 1 homeobox DNA-binding domain.

SWISS:

Q6NSW7

Gene ID:

388112

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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