



Rabbit Anti-NANOGP8 antibody

SL6552R

Product Name:	NANOGP8
Chinese Name:	Stem cells转录因子NANOGP8抗体
Alias:	Homeobox protein NANOGP8; MGC119250; NANOG; Nanog homeobox pseudogene 8; NANOGP 8; NANOGP1; NANOGP8; NANP8_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Chicken,Dog,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	34kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NANOGP8:101-200/305
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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
Product Detail:	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

Database links:

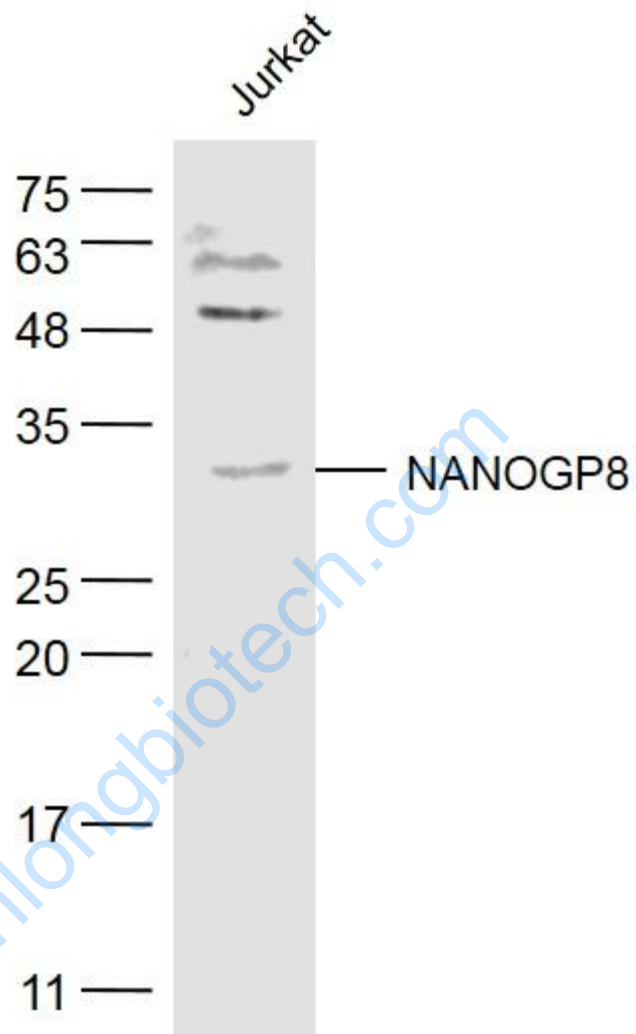
[Entrez Gene: 388112](#)Human

[SwissProt: Q6NSW7](#)Human

Important Note:

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

Picture:



Sample:

Jurkat(Human) Cell Lysate at 30 ug

Primary: Anti-NANOGP8 (SL6552R) at 1/500 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 34 kD

Observed band size: 34 kD