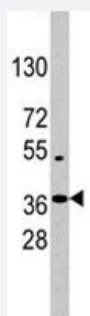


NANOG polyclonal antibody

Catalog # PAB1886

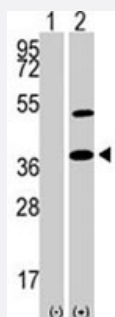
Size 400 uL

Applications



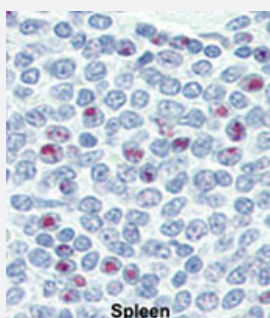
Western Blot (Cell lysate)

Western blot analysis of NANOG polyclonal antibody (Cat # PAB1886) in K-562 cell line lysates (35 ug/lane). NANOG (arrow) was detected using the purified polyclonal antibody.



Western Blot (Transfected lysate)

Western blot analysis of NANOG (arrow) using NANOG polyclonal antibody (Cat # PAB1886). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the NANOG gene (Lane 2) (Origene Technologies).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human spleen reacted with NANOG polyclonal antibody (Cat # PAB1886), which was peroxidase-conjugated to the secondary antibody, followed by AEC staining.

This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic peptide of NANOG.

Immunogen

A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human NANOG.

Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Ammonium sulfate precipitation
Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:10-50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of NANOG polyclonal antibody (Cat # PAB1886) in K-562 cell line lysates (35 ug/lane). NANOG (arrow) was detected using the purified polyclonal antibody.

- Western Blot (Transfected lysate)

Western blot analysis of NANOG (arrow) using NANOG polyclonal antibody (Cat # PAB1886). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the NANOG gene (Lane 2) (Origene Technologies).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Gene Info — NANOG

Entrez GeneID	79923
Protein Accession#	NP_079141;Q9H9S0
Gene Name	NANOG
Gene Alias	-

Gene Description	Nanog homeobox
Omim ID	607937
Gene Ontology	Hyperlink
Other Designations	homeobox transcription factor Nanog homeobox transcription factor Nanog-delta 48

Publication Reference

- [Nanog inhibits the switch of myogenic cells towards the osteogenic lineage.](#)

Kochupurakkal BS, Sarig R, Fuchs O, Piestun D, Rechavi G, Givol D.

Biochemical and Biophysical Research Communications 2008 Jan; 365(4):846.

Application: WB-Ce, Wb-Tr, Mouse, C2, C2-Nanog, C2-Puro cells

- [Epigenetic reprogramming of OCT4 and NANOG regulatory regions by embryonal carcinoma cell extract.](#)

Freberg CT, Dahl JA, Timoskainen S, Collas P.

Molecular Biology of the Cell 2007 May; 18(5):1543.