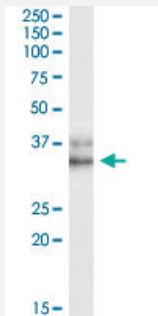


NANOG polyclonal antibody

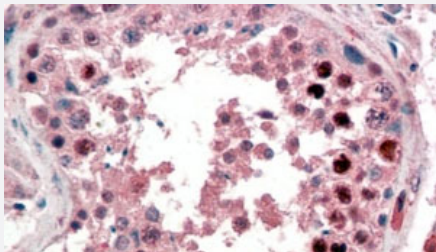
Catalog # PAB7232 Size 100 ug

Applications



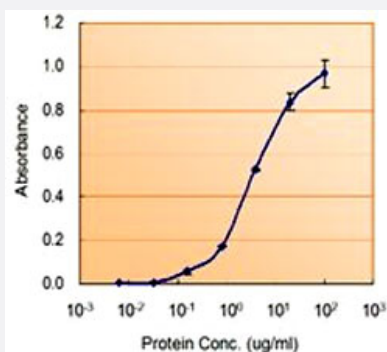
Western Blot (Cell lysate)

NANOG polyclonal antibody (Cat # PAB7232) (0.05 ug/mL) staining of HeLa (nuclear) cell lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



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

NANOG polyclonal antibody (Cat # PAB7232) (2 ug/mL) staining of paraffin embedded human testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Sandwich ELISA

NANOG polyclonal antibody (Cat # PAB7232) (5 ug/mL) as the reporter with the capture rabbit antibody (5 ug/mL).

Specification

Product Description

Goat polyclonal antibody raised against synthetic peptide of NANOG.

Immunogen	A synthetic peptide corresponding to C-terminus of human NANOG.
Sequence	C-DLFLNYSMNMQPED
Host	Goat
Theoretical MW (kDa)	34.6
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:128000) Sandwich ELISA (5-10 ug/mL) Western blot (0.05-0.1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	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)

NANOG polyclonal antibody (Cat # PAB7232) (0.05 ug/mL) staining of HeLa (nuclear) cell lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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

NANOG polyclonal antibody (Cat # PAB7232) (2 ug/mL) staining of paraffin embedded human testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

- Enzyme-linked Immunoabsorbent Assay

- Sandwich ELISA

NANOG polyclonal antibody (Cat # PAB7232) (5 ug/mL) as the reporter with the capture rabbit antibody (5 ug/mL).

Gene Info — NANOG

Entrez GeneID	79923
Protein Accession#	NP_079141.1
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 maintains self-renewal of primate ES cells in the absence of a feeder layer.](#)

Yasuda SY, Tsuneyoshi N, Sumi T, Hasegawa K, Tada T, Nakatsuji N, Suemori H.

Genes to Cells 2006 Sep; 11(9):1115.

Application: IF, WB, Monkey, CMK6, CMK9 cells