

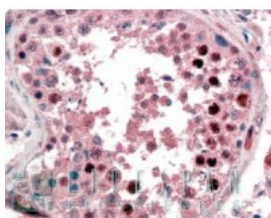


NANOG Antibody

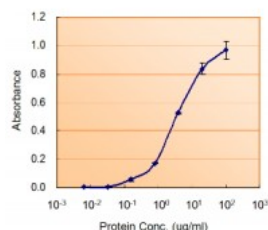
CATALOG NUMBER: 45-932



Western Blot (0.05ug/ml) staining of HeLa (nuclear) cell lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry (2ug/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Antibody used in Sandwich ELISA as detection antibody at (5ug/ml).

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	EIA, ELISA, IHC-P, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:128000. Western Blot: Approx 35kDa band observed in nuclear lysates of cell line HeLa (calculated MW of 34.6kDa according to NP_079141.1). Recommended concentration: 0.05-0.1ug/ml. An additional band of approx. 37kDa is observed and is consistent with the obser Immunohistochemistry: In paraffin embedded Human Testis shows nuclear staining in spermatogonia. Recommended concentration, 1-2ug/ml. Enzyme immunoassay: Sandwich-type ELISA with increasing amount of recombinant NANOG captured by a rabbit antibody. Recommended reporter concentration: 5-10ug/ml. This antibody was reported to work in sandwich-type ELISA both as a capturer
POSITIVE CONTROL:	1) Cat. No. XBL-10433 - HeLa Nuclear Lysate
IMMUNOGEN:	NANOG antibody was raised against a 14 amino acid synthetic peptide near the C-Terminus of NANOG.
HOST SPECIES:	Goat

Properties

PURIFICATION:	NANOG antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	NANOG antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	NANOG, Nanog homeobox, homeobox transcription factor Nanog, homeobox transcription factor Nanog-delta 48,
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ACCESSION NO.: NP_079141.1

PROTEIN GI NO.: 13376298

OFFICIAL SYMBOL: NANOG

GENE ID: 79923

Background

REFERENCES: 1) Yasuda SY, Tsuneyoshi N, Sumi T, Hasegawa K, Tada T, Nakatsuji N, Suemori H. NANOG maintains self-renewal of primate ES cells in the absence of a feeder layer. Genes Cells. 2006 Sep;11(9):1115-23.

FOR RESEARCH USE ONLY

December 13, 2016