

Product Datasheet

Nanog Antibody NB100-59737

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Updated 10/23/2024 v.20.1

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NB100-59737

Nanog Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Target Molecular Weight	35 kDa
Product Description	
Host	Goat
Gene ID	79923
Gene Symbol	NANOG
Species	Human
Marker	Embryonic Stem Cell Marker
Immunogen	Peptide with sequence C-DLFLNYSMNMQPED corresponding to C-Terminus according to NP_079141.2.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.05 - 0.1 ug/mL, Immunohistochemistry 1 - 2 ug/mL, Immunohistochemistry-Paraffin 1 - 2 ug/mL, Peptide ELISA Detection limit 1:128000
Application Notes	EIA: Sandwich ELISA with increasing amount of recombinant NANOG captured by a rabbit antibody. This antibody is reported to work in Sandwich ELISA both as a capturer and as a reporter in combination with NB110-40660. WB: Approx. 35 kDa band observed in HeLa nuclear lysates (calculated MW of 34.6 kDa band according to NP_079141.1). An additional band of approx. 37 kDa band is observed and is consistent with the observations of higher molecular weight bands regularly found with antibodies from other sources. IHC-P: Human testis shows nuclear staining in spermatogonia.

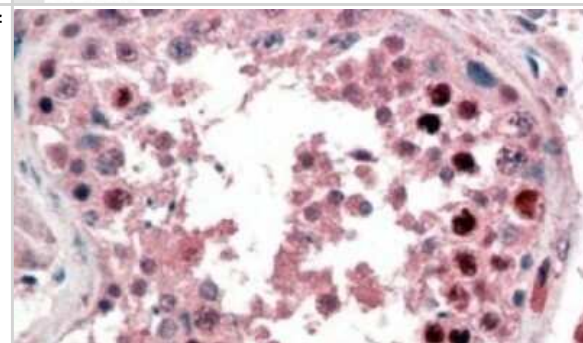


Images

Western Blot: Nanog Antibody [NB100-59737] - Staining of HeLa (nuclear) cell lysate (35 ug protein in RIPA buffer). Antibody at 0.05 ug/mL. Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Immunohistochemistry: Nanog Antibody [NB100-59737] - IHC staining of paraffin embedded Human Testis using NB100-59737 at 2 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Yasuda SY, Tsuneyoshi N, Sumi T et al. NANOG maintains self-renewal of primate ES cells in the absence of a feeder layer. Genes Cells 2006-09-01 [PMID: 16923129]



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Products Related to NB100-59737

NB800-PC9	HeLa Nuclear Cell Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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