

Product Datasheet

Nanog Antibody NB110-40660

Unit Size: 0.1 mg

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

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NB110-40660

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, Mouse, Porcine
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 21678472). Use in Porcine reported in scientific literature (PMID:21685711).
Marker	Embryonic Stem Cell Marker
Immunogen	Peptide with sequence C-QNQRMKSKRWQKNN corresponding to internal region according to NP_079141.2.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 0.03 - 0.1 ug/mL, Immunocytochemistry/ Immunofluorescence, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Approx. 38 kDa band observed in human ovary lysates (calculated MW of 34.6 kDa band according to NP_079141.1).

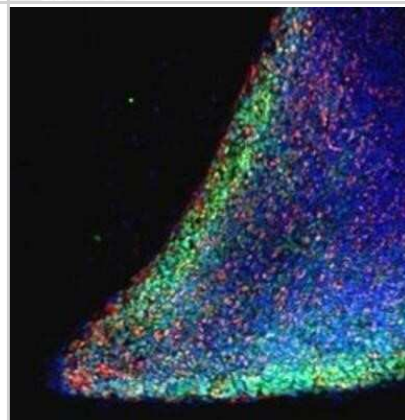


Images

Western Blot: Nanog Antibody [NB110-40660] - Staining of Human Ovary lysate (35 ug protein in RIPA buffer). Antibody at 0.03 ug/mL. Primary incubation was 1 hour. Detected by chemiluminescence.

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

Immunocytochemistry/Immunofluorescence: Nanog Antibody [NB110-40660] - Staining (green) parts of a colony of induced pluriform stem cells derived from Human Keratinocytes. Antibody at 5 ug/mL. Data kindly provided by CMRB, Center of Regenerative Medicine in Barcelona, Spain.



Publications

Aschacher T, Schmidt K, Aschacher O et al. Telocytes in the human ascending aorta: Characterization and exosome-related KLF-4/VEGF-A expression *Journal of cellular and molecular medicine* 2021-09-25 [PMID: 34562312] (ICC/IF, Human)

Hyslop L, Stojkovic M, Armstrong L et al. Downregulation of NANOG induces differentiation of human embryonic stem cells to extraembryonic lineages. *Stem Cells* 2005-09-01 [PMID: 15983365]

Raya A, Rodriguez-Piza I, Guenechea G et al. Disease-corrected haematopoietic progenitors from Fanconi anaemia induced pluripotent stem cells. *Nature* 2009-07-02 [PMID: 19483674]

Vackova I, Novakova Z, Krylov V et al. Analysis of marker expression in porcine cell lines derived from blastocysts produced in vitro and in vivo *J Reprod Dev* 2011-10-01 [PMID: 21685711] (ICC/IF, Porcine)

Vassena R, Montserrat N, Carrasco Canal B et al. Accumulation of instability in serial differentiation and reprogramming of parthenogenetic human cells. *Hum Mol Genet* 2012-08-01 [PMID: 22547223] (IHC-P, Human)

Salisbury E, Rodenberg E, Sonnet C et al. Sensory nerve induced inflammation contributes to heterotopic ossification. *J Cell Biochem.* 2011-10-01 [PMID: 21678472] (IHC-P, Mouse)

Monaco-Shawver L, Schwartz L, Tuluc F et al. Substance P inhibits natural killer cell cytotoxicity through the neurokinin-1 receptor. *J Leukoc Biol*;89(1):113-25. 2011-01-01 [PMID: 20940324]

Aasen T. Efficient rapid generation of induced pluripotent stem cells from human keratinocytes. *Nat Biotechnol* 26 (11):1276-84. 2008-11-01 [PMID: 18931654]



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Products Related to NB110-40660

NBL1-13465	Nanog Overexpression Lysate
NB110-40660PEP	Nanog Peptide
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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