

Goat NANOG Polyclonal Antibody | anti-NANOG antibody

Goat anti-NANOG Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA13647	Goat	Tested: Human, Pig; Expected from sequence similarity: Human, Dog, Pig	ELISA, Western Blot, Immunofluorescence, Immunohistochemistry, ELISA

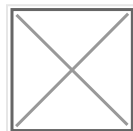
PRODUCT SYNONYMS

NANOG; Polyclonal Antibody; Goat anti-NANOG Antibody; Goat Anti-NANOG (C Terminus) Antibody; Nanog homeobox; HGNC: 20857; homeobox transcription factor Nanog; homeobox transcription factor Nanog-delta 48; NANOG antibody; Nanog homeobox antibody; HGNC: 20857 antibody; homeobox transcription factor Nanog antibody; homeobox transcription factor Nanog-delta 48 antibody; anti-NANOG antibody

PRODUCT SPECIFICATIONS

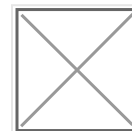
Host	Goat
Reactivity	Tested: Human, Pig; Expected from sequence similarity: Human, Dog, Pig
Clonality	Polyclonal
Specificity	This antibody has been successfully used in ICC on Human
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Sequence Length	305
Applicable Applications for anti-NANOG antibody	ELISA (Peptide ELISA), WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Application Notes	Peptide ELISA: antibody detection limit dilution 1:64000. Western blot: Approx 38kDa band observed in Human Ovary lysates (calculated MW of 34.6kDa according to NP_079141.2). Recommended concentration: 0.03-0.1µg/ml. Primary incubation was 1 hour. IHC: This antibody was successfully used Cell Transplant. IF/ICC: Parts of a keratinocyte-derived colony of induced pluripotent stem cells are stained for Nanog (green). This antibody was successfully used in IF on Human. This antibody was successfully used in ICC. Enzyme immunoassay: This antibody does not work in PFA-fixed frozen embryos and ESC from Mouse.
Immunogen	Peptide with sequence C-QNQRMKSKRWQKNN, from the internal region of the protein sequence according to NP_079141.2.
Preparation and Storage	Aliquot and store at -20°C. Minimize freezing and thawing.

IMAGES



IF (Immunofluorescence)

5µg/ml staining (green) parts of a colony of induced pluriform stem cells derived from Human Keratinocytes.



WB (Western Blot)

0.03µg/ml staining of Human Ovary lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	153945816
NCBI GeneID	79923
NCBI Accession #	NP_079141.2
NCBI GenBank Nucleotide #	NM_024865.3
NCBI Official Full Name	homeobox protein NANOG isoform 1
NCBI Official Synonym Full Names	Nanog homeobox
NCBI Official Symbol	NANOG
NCBI Protein Information	homeobox protein NANOG
UniProt Protein Name	Homeobox protein NANOG
UniProt Gene Name	NANOG
UniProt Synonym Gene Names	hNanog
UniProt Entry Name	NANOG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nanog-antibody-peptide-elisa-western-blot-immunofluorescence-immunohistochemistry-elisa/13647>