

# Nanog antibody [N3C3]

**Cat. No. GTX100863**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Application</b>	WB, ICC/IF, IHC-P, IHC-Fr, IP, ELISA, IHC, Sandwich ELISA
<b>Reactivity</b>	Human, Mouse, Ceratotherium simum

Reference ( 34 )  
 Package  
 100 µl, 25 µl

## APPLICATION

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	Assay dependent
IHC-Fr	Assay dependent
IP	1:100-1:500
ELISA	1:1000-1:10000
IHC	Assay dependent
Sandwich ELISA	Assay dependent

**Note : Capture: GTX100863 , Detection: GTX89079**

Not tested in other applications.

**Calculated MW** 35 kDa. ( [Note](#) )

## PROPERTIES

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Preservative</b>	0.01% Thimerosal
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human NANOG. The exact sequence is proprietary.



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**Purification**

Purified by antigen-affinity chromatography.

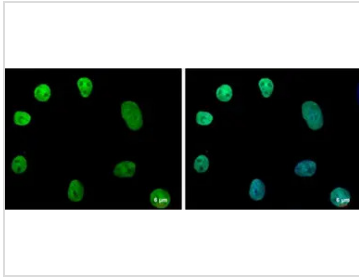
**Conjugation**

Unconjugated

**Note**

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

**DATA IMAGES**

**GTXT100863 ICC/IF Image**

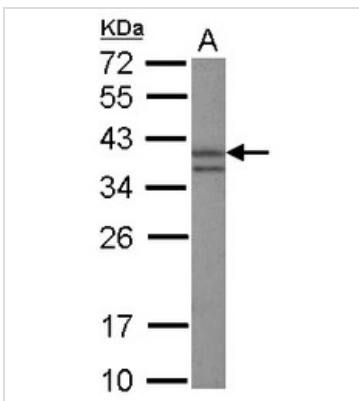
NANOG antibody [N3C3] detects NANOG protein at nucleus by immunofluorescent analysis.

Sample: NT2D1 cells were fixed in 2% paraformaldehyde/culture medium at RT for 30 min.

Green: NANOG protein stained by NANOG antibody [N3C3] (GTXT100863) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar = 6  $\mu$ m.


**GTXT100863 WB Image**

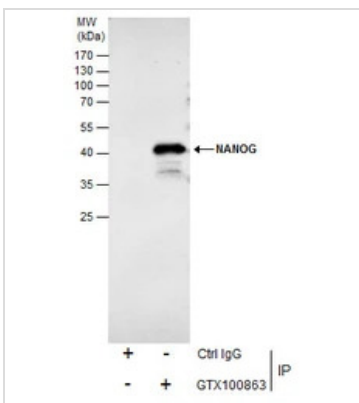
Sample (30  $\mu$ g of whole cell lysate)

A: HeLa nucleus

12% SDS PAGE

GTXT100863 diluted at 1:3000

The HRP-conjugated anti-rabbit IgG antibody (GTXT213110-01) was used to detect the primary antibody.


**GTXT100863 IP Image**

Immunoprecipitation of NANOG protein from NT2D1 whole cell extracts using 5  $\mu$ g of NANOG antibody [N3C3] (GTXT100863).

Western blot analysis was performed using NANOG antibody [N3C3] (GTXT100863) diluted at 1:500.

EasyBlot anti-Rabbit IgG (GTXT221666-01) was used as a secondary reagent.



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