

# Nanog Rabbit pAb

Catalog No.: A3232 **13 Publications**

## Basic Information

### Observed MW

42kDa

### Calculated MW

35kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse, Rat

## Background

The protein encoded by this gene is a DNA binding homeobox transcription factor involved in embryonic stem (ES) cell proliferation, renewal, and pluripotency. The encoded protein can block ES cell differentiation and can also autorepress its own expression in differentiating cells. Two transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

WB 1:1000 - 1:2000

IHC-P 1:50 - 1:200

## Immunogen Information

### Gene ID

79923

### Swiss Prot

Q9H9S0

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-105 of human Nanog (NP\_079141.2).

### Synonyms

NANOG; Nanog

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

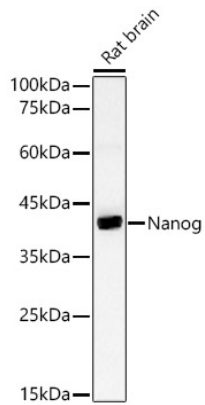
### Storage

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

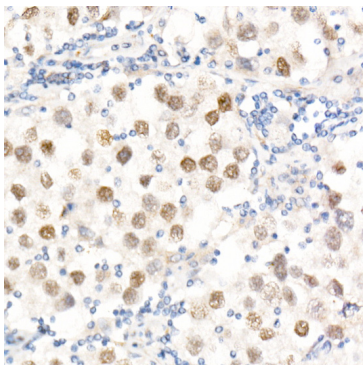
Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from Rat brain, using Nanog Rabbit pAb (A3232) at 1:500 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded Human testicular seminoma using Nanog Rabbit pAb (A3232) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.