

Datasheet for ABIN7443938  
**anti-Nanog antibody (AA 1-305)**



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**2** Images

## Overview

|                      |                                                                                                        |
|----------------------|--------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                 |
| Target:              | Nanog (NANOG)                                                                                          |
| Binding Specificity: | AA 1-305                                                                                               |
| Reactivity:          | Human                                                                                                  |
| Host:                | Rabbit                                                                                                 |
| Clonality:           | Polyclonal                                                                                             |
| Conjugate:           | This Nanog antibody is un-conjugated                                                                   |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP) |

## Product Details

|               |                                                                                                                                                                                  |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:      | Polyclonal Antibody to NANOG Homeobox Protein (NANOG)                                                                                                                            |
| Immunogen:    | Recombinant NANOG Homeobox Protein (NANOG) corresponding to Met1~Val305 with N-terminal His and GST Tag                                                                          |
| Isotype:      | IgG                                                                                                                                                                              |
| Specificity:  | The antibody is a rabbit polyclonal antibody raised against NANOG. It has been selected for its ability to recognize NANOG in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                           |

## Target Details

|         |               |
|---------|---------------|
| Target: | Nanog (NANOG) |
|---------|---------------|

## Target Details

Alternative Name: NANOG Homeobox Protein ([NANOG Products](#))

Background: Homeobox transcription factor Nanog

Pathways: [Stem Cell Maintenance](#)

## Application Details

Application Notes: Western blotting: 0.5-2 µg/mL  
Immunohistochemistry: 5-20 µg/mL  
Immunocytochemistry: 5-20 µg/mL  
Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.

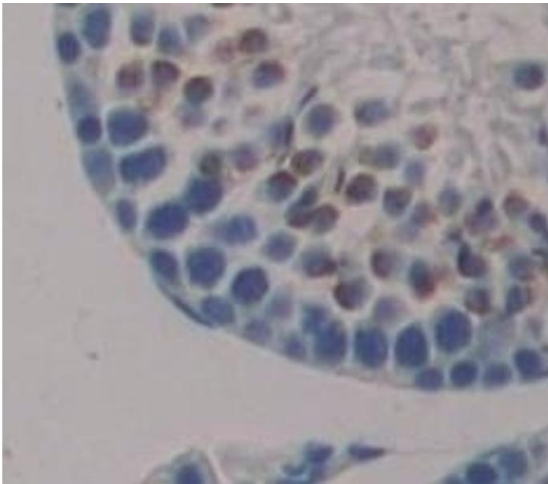
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

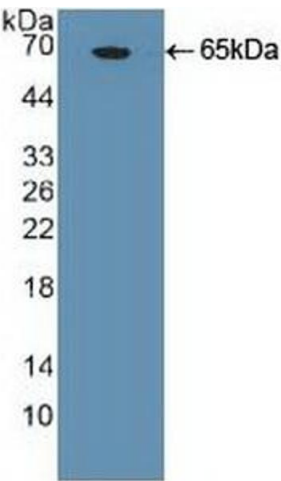
Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Expiry Date: 24 months



Immunohistochemistry

Image 1. #VALUE!



Western Blotting

Image 2. Detection of Recombinant NANOG, Human using Polyclonal Antibody to NANOG Homeobox Protein (NANOG)