10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# Anti-Nanog Antibody

Catalog # AN2186

## Product Information

| | |
|---|---|
| **Application** | WB |
| **Primary Accession** | Q9H9S0 |
| **Host** | Rabbit |
| **Clonality** | Rabbit Polyclonal |
| **Isotype** | IgG |
| **Calculated MW** | 34620 |

## Additional Information

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|---|---|
| **Gene ID** | 79923 |
| **Other Names** | Embryonic stem cell specific homeobox protein, ENK, Alternative names Embryonic stem cell specific homeobox protein (Nanog) antibody ENK antibody FLJ12581 antibody hNanog antibody Homeobox protein NANOG antibody Homeobox transcription factor Nanog antibody homeobox transcription factor Nanog-delta 48 |
| **Dilution** | WB~~1:1000 |
| **Storage** | Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | Anti-Nanog Antibody is for research use only and not for use in diagnostic or therapeutic procedures. |
| **Shipping** | Blue Ice |

## Background

The transcriptional factor Nanog functions in maintaining pluripotency in cooperation with other key genes such as Oct4. Oct4 and Sox2 bind to the Nanog promoter in mouse and human embryonic stem cell. Nanog levels allow stem cells to balance the creation of lineage-committed and undifferentiated cells.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.