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**Product Name: Nanog Rabbit Monoclonal Antibody****Catalog #: AMRe21566**

For research use only.

**Summary**

|                      |   |
|----------------------|---|
| <b>Description</b>   | Recombinant rabbit monoclonal antibody                                      |
| <b>Host</b>          | Rabbit  |
| <b>Application</b>   | WB,IHC,ICC/IF,ELISA,IP  |
| <b>Reactivity</b>    | Human   |
| <b>Conjugation</b>   | Unconjugated  |
| <b>Modification</b>  | Unmodified  |
| <b>Isotype</b>       | IgG,Kappa   |
| <b>Clonality</b>     | Monoclonal  |
| <b>Form</b>          | Liquid  |
| <b>Concentration</b> | 0.3mg/ml. The concentration of this product may be batch-dependent.         |
| <b>Storage</b>       | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| <b>Shipping</b>      | Ice bags  |
| <b>Buffer</b>        | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein               |
| <b>Purification</b>  | Protein A   |

**Application**

|                         |  |
|-------------------------|--|
| <b>Dilution Ratio</b>   | WB 1:1000-1:5000,IHC 1:200-1:1000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200 |
| <b>Molecular Weight</b> | Calculated MW:42kD;Observed MW:42kD  |

**Antigen Information**

|                          |   |
|--------------------------|---|
| <b>Gene Name</b>         | NANOG   |
| <b>Alternative Names</b> | NANOG;Homeobox protein NANOG;Homeobox transcription factor Nanog;hNanog |
| <b>Gene ID</b>           | 79923.0   |
| <b>SwissProt ID</b>      | Q9H9S0  |
| <b>Immunogen</b>         | A synthetic peptide of human Nanog                                      |

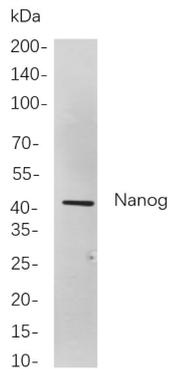
**Background**

Cell localization:Nucleus.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. [provided by RefSeq, Sep 2015],

## Research Area

## Image Data



Western blot analysis of lysates from NCCIT

cells, using Nanog Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.