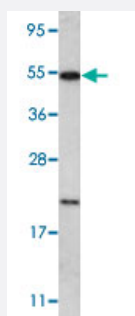


# NANOS2 polyclonal antibody

Catalog # PAB2574

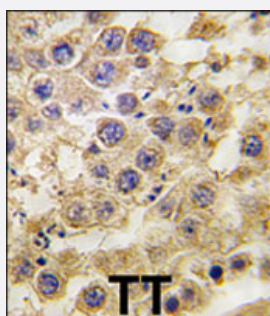
Size 400 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of CEM cell lysate (35 ug/lane) with NANOS2 polyclonal antibody (Cat # PAB2574).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human testis tissue reacted with NANOS2 polyclonal antibody (Cat # PAB2574), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

## Specification

|                            |  |
|----------------------------|--|
| <b>Product Description</b> | Rabbit polyclonal antibody raised against synthetic peptide of NANOS2.                 |
| <b>Immunogen</b>           | A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human NANOS2. |
| <b>Host</b>                | Rabbit   |
| <b>Reactivity</b>          | Human  |
| <b>Form</b>                | Liquid   |
| <b>Purification</b>        | Ammonium sulfate precipitation   |

|                            |   |
|----------------------------|---|
| <b>Recommend Usage</b>     | Western Blot (1:1000)<br>Immunohistochemistry (1:10-50)<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>      | In PBS (0.09% sodium azide)   |
| <b>Storage Instruction</b> | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                        |
| <b>Note</b>                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.        |

## Applications

- Western Blot (Cell lysate)

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## Gene Info — NANOS2

|                           |                                     |
|---------------------------|-------------------------------------|
| <b>Entrez GeneID</b>      | <a href="#">339345</a>              |
| <b>Protein Accession#</b> | <a href="#">NP_001025032:P60321</a> |
| <b>Gene Name</b>          | NANOS2                              |
| <b>Gene Alias</b>         | NOS2                                |
| <b>Gene Description</b>   | nanos homolog 2 (Drosophila)        |
| <b>Omim ID</b>            | <a href="#">608228</a>              |
| <b>Gene Ontology</b>      | <a href="#">Hyperlink</a>           |
| <b>Other Designations</b> | nanos homolog 2                     |

## Publication Reference

- [Expression of nitric oxide synthases in keratinocytes after UVB irradiation.](#)

Chang HR, Tsao DA, Wang SR, Yu HS.

Archives of Dermatological Research 2003 Dec; 295(7):293.

Application: WB, Human, Human keratinocytes

- [Conserved role of nanos proteins in germ cell development.](#)

Tsuda M, Sasaoka Y, Kiso M, Abe K, Haraguchi S, Kobayashi S, Saga Y.

Science 2003 Aug; 301(5637):1239.

- [Conservation of a Pumilio-Nanos complex from Drosophila germ plasm to human germ cells.](#)

Jaruzelska J, Kotecki M, Kusz K, Spik A, Firpo M, Reijo Pera RA.

Development Genes and Evolution 2003 Apr; 213(3):120.

Application: IHC-P, Human, Human testis sections