

## Rabbit NANOS2 Polyclonal Antibody | anti-NANOS2 antibody

NANOS2 Antibody (C-term)

| CATALOG # | HOST   | REACTIVITY                          | APPLICATIONS                              |
|-----------|--------|-------------------------------------|-------------------------------------------|
| AAA287112 | Rabbit | Human (Predicted Reactivity: Mouse) | Immunohistochemistry, ELISA, Western Blot |

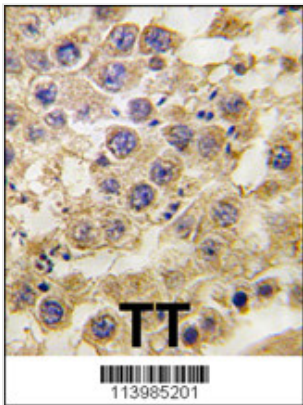
### PRODUCT SYNONYMS

NANOS2; Polyclonal Antibody; NANOS2 Antibody (C-term); Nanos homolog 2; NOS-2; NOS2; anti-NANOS2 antibody

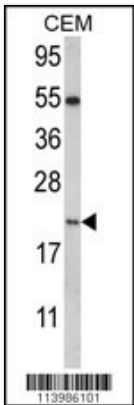
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                           |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                    |
| Reactivity                                       | Human (Predicted Reactivity: Mouse)                                                                                                                                                       |
| Clonality                                        | Polyclonal                                                                                                                                                                                |
| Isotype                                          | Rabbit Ig                                                                                                                                                                                 |
| Specificity                                      | This NANOS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 108-137 amino acids from the C-terminal region of human NANOS2.                  |
| Purity/Purification                              | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                                 |
| Form/Format                                      | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| Concentration                                    | Vial Concentration: 1.7 (varies by lot)                                                                                                                                                   |
| Sequence Positions                               | 108-137                                                                                                                                                                                   |
| Sequence Length                                  | 138                                                                                                                                                                                       |
| Applicable Applications for anti-NANOS2 antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                                      |
| Antigen Type                                     | Synthetic Peptide                                                                                                                                                                         |
| Antigen Source                                   | HUMAN                                                                                                                                                                                     |
| Preparation and Storage                          | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                                    |

IMAGES



**IHC (Immunohistochemistry)**  
Formalin-fixed and paraffin-embedded human testis tissue reacted with NANOS2 antibody (C-term) , 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.



**WB (Western Blot)**  
Western blot analysis of NANOS2 Antibody (C-term) in CEM cell line lysates (35ug/lane). NANOS2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                     |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NANOS2 antibody | NANOS2 is required to support proliferation and self-renewal of proximal germ cells in males only. It probably regulates translation of specific mRNAs by associating with the 3'-UTR of mRNA targets. It is essential for spermatogonia formation. |
| Product Categories/Family for anti-NANOS2 antibody   | Developmental Biology; Signal Transduction                                                                                                                                                                                                          |
| References                                           | Chang,H.R., Arch. Dermatol. Res. 295 (7), 293-296 (2003)<br>Tsuda,M., Science 301 (5637), 1239-1241 (2003)<br>Jaruzelska,J., Dev. Genes Evol. 213 (3), 120-126 (2003)                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                              |
|----------------------------------|------------------------------|
| NCBI GI #                        | 71143121                     |
| NCBI GeneID                      | 339345                       |
| NCBI Accession #                 | NP_001025032.1               |
| NCBI GenBank Nucleotide #        | NM_001029861.2               |
| UniProt Accession #              | P60321; Q17R30; Q4G0P8       |
| Molecular Weight                 | 15132                        |
| NCBI Official Full Name          | nanos homolog 2              |
| NCBI Official Synonym Full Names | nanos homolog 2 (Drosophila) |
| NCBI Official Symbol             | NANOS2                       |
| NCBI Official Synonym Symbols    | NOS2                         |
| NCBI Protein Information         | nanos homolog 2              |
| UniProt Protein Name             | Nanos homolog 2              |
| UniProt Gene Name                | <b>NANOS2</b>                |
| UniProt Synonym Gene Names       | NOS2; NOS-2                  |
| UniProt Entry Name               | NANO2_HUMAN                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/nanos2-antibody-immunohistochemistry-western-blot-elisa/287112>