

ARG63790 anti-NANOS1 antibody

Package: 100 µg
Store at: -20°C

Summary

| | |
|---------------------|--|
| Product Description | Goat Polyclonal antibody recognizes NANOS1 |
| Tested Reactivity | Hu |
| Tested Application | WB |
| Host | Goat |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | NANOS1 |
| Species | Human |
| Immunogen | C-SARDGPPGKKLR |
| Conjugation | Un-conjugated |
| Alternate Names | Nanos homolog 1; NOS1; SPGF12; EC_Rep1a; NOS-1 |

Application Instructions

| Application table | Application | Dilution |
|-------------------|-------------|-------------|
| | WB | 1 - 3 µg/ml |

Application Note WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

| | |
|---------------------|--|
| Form | Liquid |
| Purification | Purified from goat serum by antigen affinity chromatography. |
| Buffer | Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 0.5% BSA |
| Concentration | 0.5 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

| | |
|----------------|---|
| Database links | GeneID: 340719 Human Swiss-port # Q8WY41 Human |
| Gene Symbol | NANOS1 |
| Gene Full Name | nanos homolog 1 (Drosophila) |
| Background | This gene encodes a CCHC-type zinc finger protein that is a member of the nanos family. This protein co-localizes with the RNA-binding protein pumilio RNA-binding family member 2 and may be involved in regulating translation as a post-transcriptional repressor. Mutations in this gene are associated with spermatogenic impairment. [provided by RefSeq, Sep 2015] |
| Function | May act as a translational repressor which regulates translation of specific mRNAs by forming a complex with PUM2 that associates with the 3'-UTR of mRNA targets. Capable of interfering with the proadhesive and anti-invasive functions of E-cadherin. Up-regulates the production of MMP14 to promote tumor cell invasion. [UniProt] |
| Research Area | Developmental Biology antibody; Gene Regulation antibody |
| Calculated Mw | 30 kDa |

Images



ARG63790 anti-NANOS1 antibody WB image

Western Blot: Human Testis lysate (35 µg protein in RIPA buffer) stained with ARG63790 anti-NANOS1 antibody at 0.3 µg/ml dilution.