

Rabbit anti-Human Nanos Homologue 1 (NANOS1) Polyclonal Antibody | anti-NANOS1 antibody

Nanos Homologue 1 (NANOS1) Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285405	Rabbit	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

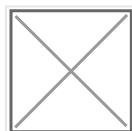
PRODUCT SYNONYMS

Nanos Homologue 1 (NANOS1); Polyclonal Antibody; Nanos Homologue 1 (NANOS1) Antibody (C-term); Nanos homolog 1; NOS-1; EC_Rep1a; NANOS1; NOS1; anti-NANOS1 antibody

PRODUCT SPECIFICATIONS

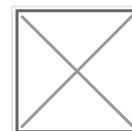
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Nanos Homologue 1 (NANOS1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 263-292 amino acids from the C-terminal region of human Nanos Homologue 1 (NANOS1).
Purity/Purification	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: 2 (varies by lot)
Sequence Positions	263-292
Sequence Length	292
Applicable Applications for anti-NANOS1 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), 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



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of hela cells using Nanos Homologue 1 (NANOS1) Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IF (Immunofluorescence)

Immunofluorescence analysis of anti-NANOS1 Antibody (C-term) in HeLa cells. 0.025 mg/ml primary antibody was followed by Alexa-Fluor-546-conjugated donkey anti-rabbit IgG (H+L). Alexa-Fluor-546 emits orange fluorescence. Blue counterstaining is DAPI.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with NANOS1 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 anti-NANOS1 Antibody (C-term) (RB13839) in T47D cell line lysates (35ug/lane). NANOS1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-NANOS1 antibody	NANOS1 may regulate translation of specific mRNAs by forming a complex with PUM2 that associates with the 3'-UTR of mRNA targets.
Product Categories/Family for anti-NANOS1 antibody	Developmental Biology ; Signal Transduction
References	Strumane,K., Cancer Res. 66 (20), 10007-10015 (2006) Kurokawa,H., Dev. Growth Differ. 48 (3), 209-221 (2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	40804761
NCBI GeneID	340719
NCBI Accession #	NP_955631.1
NCBI GenBank Nucleotide #	NM_199461.2
UniProt Accession #	Q8WY41
Molecular Weight	30230
NCBI Official Full Name	nanos homolog 1
NCBI Official Synonym Full Names	nanos homolog 1 (Drosophila)
NCBI Official Symbol	NANOS1
NCBI Official Synonym Symbols	NOS1; SPGF12
NCBI Protein Information	nanos homolog 1
UniProt Protein Name	Nanos homolog 1
UniProt Gene Name	NANOS1
UniProt Synonym Gene Names	NOS1; NOS-1
UniProt Entry Name	NANO1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nanos-homologue-1-nanos1-antibody-flow-cytometry-immunofluorescence-immunohistochemistry-western-blot-elisa/285405>