

Rabbit anti-Human NANOS2 Polyclonal Antibody | anti-NANOS2 antibody

NANOS2 Antibody

CATALOG # AAA114304	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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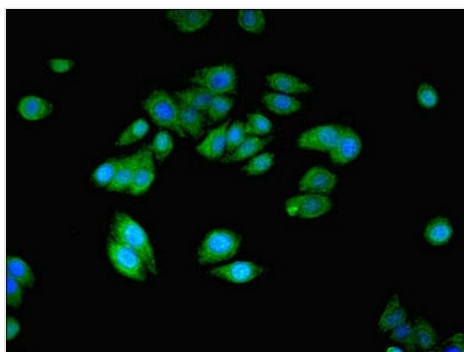
PRODUCT SYNONYMS

NANOS2; Polyclonal Antibody; NANOS2 Antibody; Nanos homolog 2; NOS-2; NOS2; anti-NANOS2 antibody

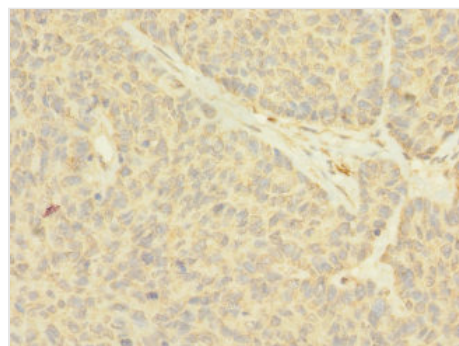
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	138
Applicable Applications for anti-NANOS2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Nanos homolog 2 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-69188 / sc-69190 / sc-69187 / sc-292082
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES


IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA114304 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human ovarian cancer AAA114304 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-NANOS2 antibody	Plays a key role in the sexual differentiation of germ cells by promoting the male fate but suppressing the female fate. Represses the female fate pathways by suppressing meiosis, which in turn results in the promotion of the male fate. Maintains the suppression of meiosis by preventing STRA8 expression, which is required for premeiotic DNA replication, after CYP26B1 is decreased. Regulates the localization of the CCR4-NOT deadenylation complex to P-bodies and plays a role in recruiting the complex to trigger the degradation of mRNAs involved in meiosis. Required for the maintenance of the spermatogonial stem cell population. Not essential for the assembly of P-bodies but is required for the maintenance of their normal state.
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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	15,132 Da
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	NANOS2
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nanos2-antibody-immunohistochemistry-elisa/114304>