

Rabbit NANOS2 Polyclonal Antibody | anti-NANOS2 antibody

NANOS2 Polyclonal Antibody

CATALOG # AAA169997	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

NANOS2; Polyclonal Antibody; NANOS2 Polyclonal Antibody; NOS2; anti-NANOS2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.8mg/mL (varies by lot)
Sequence Length	138
Applicable Applications for anti-NANOS2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human NANOS2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer tissue using NANOS2 Polyclonal Antibody at dilution 1:30



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using NANOS2 Polyclonal Antibody at dilution 1:30

ADDITIONAL INFORMATION

Related Product Information for anti-NANOS2 antibody	Nanos2, also known as NOS2, is a 138 amino acid protein that contains one nanos-type zinc finger. The nanos-type zinc finger is comprised of two C2HC motifs, each of which are capable of binding one molecule of zinc and each of which work in tandem to play essential roles in translational regulation events. Expressed specifically in male germ cells, Nanos2 is essential for spermatogonia formation and is required to support the self-renewal, proliferation and overall development of proximal germ cells. Additionally, Nanos2 is thought to regulate the translation of target mRNAs, possibly by associating with the 3'-UTR of select transcripts.
Product Categories/Family for anti-NANOS2 antibody	Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	71143121
NCBI GeneID	339345
NCBI Accession #	NP_001025032.1
NCBI GenBank Nucleotide #	NM_001029861.2
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; NOS-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/169997>