



# Anti-NANOS1 polyclonal antibody (DPAB-DC1656)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	NANOS1 (nanos homolog 1 (Drosophila)) is a protein-coding gene. Diseases associated with NANOS1 include rabies, and atherosclerosis. GO annotations related to this gene include RNA binding and translation repressor activity. An important paralog of this gene is NANOS2.
<b>Specificity</b>	This antibody is expected to recognize the longer isoform 1 only (NP_955631), ie not isoform 2 (NP_001009553).
<b>Immunogen</b>	A synthetic peptide corresponding to human NANOS1. The sequence is C-SARDGPPGKKLR
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Tissue lysate), ELISA,
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">NANOS1 nanos homolog 1 (Drosophila) [ Homo sapiens (human) ]</a>
Official Symbol	NANOS1
Synonyms	NANOS1; nanos homolog 1 (Drosophila); NOS1; SPGF12; nanos homolog 1; NOS-1; EC_Rep1a;
Entrez Gene ID	<a href="#">340719</a>
Protein Refseq	<a href="#">NP_955631</a>
UniProt ID	<a href="#">Q8WY41</a>
Chromosome Location	10q26.11
Function	RNA binding; protein binding; translation repressor activity; zinc ion binding