



Anti-NANOS1 polyclonal antibody (DPAB-DC1656)

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

PRODUCT INFORMATION

Antigen Description	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.
Specificity	This antibody is expected to recognize the longer isoform 1 only (NP_955631), ie not isoform 2 (NP_001009553).
Immunogen	A synthetic peptide corresponding to human NANOS1. The sequence is C-SARDGPPGKKLR
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB (Tissue lysate), ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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