

Goat anti-NANOS1 Antibody

Item Number	dAP-0660
Target Molecule	Principle Name: NANOS1; Official Symbol: NANOS1; All Names and Symbols: NANOS1; nanos homolog 1 (Drosophila); NOS1; nanos homolog 1; Accession Number (s): NP_955631.1; Human Gene ID(s): 340719; Non-Human GeneID(s):
Immunogen	SARDGPPGKKLR, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Approx 35-37kDa band observed in Human Testis lysates (calculated MW of 30.2kDa according to NP_955631.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Clarke et al, Hum Mol Genet.
IHC	
Reference	Reference(s): Jaruzelska J, Kotecki M, Kusz K, Spik A, Firpo M, Reijo Pera RA. Conservation of a Pumilio-Nanos complex from Drosophila germ plasm to human germ cells. Dev Genes Evol. 2003 Apr;213(3):120-6. Epub 2003 Feb 11. .PMID: 12690449 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**