

# Product Datasheet

## NANOS1 Antibody NB100-1781

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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### Publications: 5

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**NB100-1781**

## NANOS1 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat NANOS1 Antibody (NB100-1781) is a polyclonal antibody validated for use in WB and ELISA. Anti-NANOS1 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	340719
Gene Symbol	NANOS1
Species	Human
Immunogen	Peptide with sequence C-SARDGPPGKKLR corresponding to C-Terminus according to NP_955631.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/mL, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Approx. 35-37 kDa band observed in human testis lysates is reported in scientific literature (PMID: 14962983).

**Images**

Western Blot: NANOS1 Antibody [NB100-1781] - Staining of Human Testis lysate (35 ug protein in RIPA buffer). Antibody at 0.3 ug/mL. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa  
10kDa

## Publications

Calo E, Gu B, et al. Tissue-selective effects of nucleolar stress and rDNA damage in developmental disorders. *Nature* 2018-02-01 [PMID: 29364875]

Flynn RA, Do BT, Rubin AJ et al. 7SK-BAF axis controls pervasive transcription at enhancers. *Nat Struct Mol Biol* 2016-03-01 [PMID: 26878240]

Calo E, Flynn RA, Martin L et al. RNA helicase DDX21 coordinates transcription and ribosomal RNA processing. *Nature* 2015-02-12 [PMID: 25470060] (WB)

Jaruzelska J, Kotecki M, Kusz K et al. Conservation of a Pumilio-Nanos complex from *Drosophila* germ plasm to human germ cells. *Dev Genes Evol* 2003-04-01 [PMID: 12690449]

Clark AT, Bodnar MS, Fox M et al. Spontaneous differentiation of germ cells from human embryonic stem cells in vitro. *Hum Mol Genet* 2004-04-01 [PMID: 14962983]





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### **Products Related to NB100-1781**

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NB820-59266	Human Testis Whole Tissue Lysate (Adult Whole Normal)
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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