

For Research Use Only

NANOS3 Polyclonal antibody

Catalog Number: 21679-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number: 21679-1-AP	GenBank Accession Number: BC101209	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 500 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 342977	Recommended Dilutions: WB 1:200-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P60323	
Isotype: IgG	Full Name: nanos homolog 3 (Drosophila)	
Immunogen Catalog Number: AG16014	Calculated MW: 192 aa, 21 kDa	
	Observed MW: 26-30 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : mouse testis tissue, HEK-293 cells IHC : human testis tissue,
Cited Applications: WB, IHC, IF	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse, rat	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

The NANOS gene family is required for germ cell development in diverse organisms. NANOS3 is found in migrating primordial germ cells, and the homozygous deficiency of NANOS3 in the mouse results in the complete loss of germ cells in both sexes.

Notable Publications

Author	Pubmed ID	Journal	Application
Liqian Chen	36099983	J Ethnopharmacol	WB
Simon Grelet	25904364	J Pathol	WB,IHC,IF
Yuanping Cao	32437714	Exp Cell Res	WB

Storage

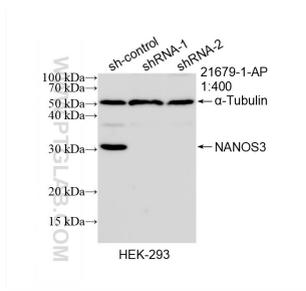
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

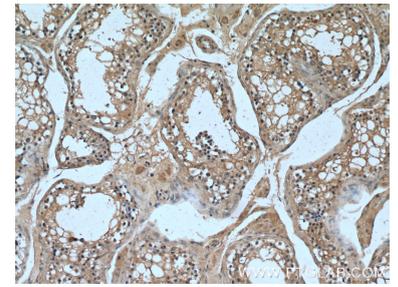
Selected Validation Data



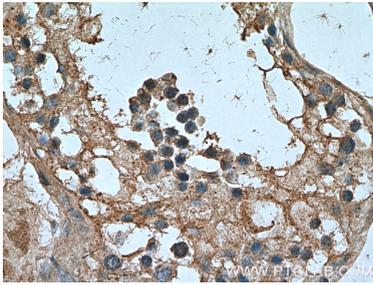
WB result of NANOS3 antibody (21679-1-AP; 1:400; incubated at room temperature for 1.5 hours) with sh-Control and sh-NANOS3 transfected HEK-293 cells.



mouse testis tissue were subjected to SDS PAGE followed by western blot with 21679-1-AP (NANOS3 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 21679-1-AP (NANOS3 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 21679-1-AP (NANOS3 Antibody) at dilution of 1:200 (under 40x lens).