

NASP Polyclonal Antibody

Catalog number: 11323-1-AP

Size: 48 µg/150 µl

Source: Rabbit

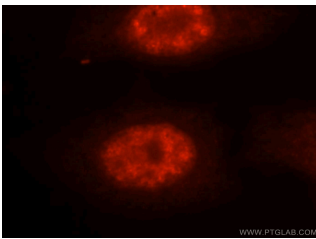
Isotype: IgG

Synonyms:

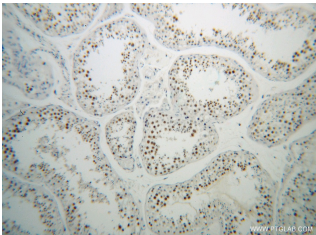
NASP; DKFZp547F162,

FLB7527, FLJ31599, FLJ35510,

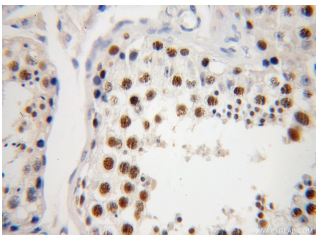
NASP, PRO1999



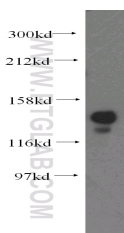
Immunofluorescent analysis of MCF-7 cells, using NASP antibody 11323-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical of paraffin-embedded human testis using 11323-1-AP (NASP antibody) at dilution of 1:100 (under 10x lens)



Immunohistochemical of paraffin-embedded human testis using 11323-1-AP (NASP antibody) at dilution of 1:100 (under 40x lens)



mouse testis tissue were subjected to SDS PAGE

Background

NASP (nuclear autoantigenic sperm protein) is associated with DNA replication, cell proliferation and cell cycle progression through functioning as a Histone H1 binding protein that mediates histone transport to the nucleus. NASP had two isoforms, tNASP (testis type) and sNASP (somatic type). The tNASP was mainly expressed in testis, a variety of malignant tumors, stem cells and embryonic tissues, while sNASP existed in all somatic mitosis cells. This antibody can recognize both isoforms.

Applications

Tested applications:	ELISA, WB, IHC, IF, IP
Cited applications:	IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse, rat
Calculated NASP MW:	788aa, 85 kDa
Observed NASP MW:	138kd
Positive WB detected in	Mouse testis tissue
Positive IP detected in	Mouse testis tissue
Positive IHC detected in	Human testis tissue, human lymphoma tissue
Positive IF detected in	MCF-7 cells
Recommended dilution:	WB: 1:500-1:5000
	IP: 1:500-1:5000
	IHC: 1:20-1:200
	IF: 1:10-1:100

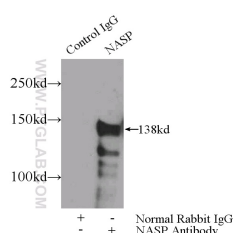
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1824
GenBank accession number:	BC010105
Gene ID (NCBI):	4678
Full name:	Nuclear autoantigenic sperm protein (histone-binding)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



IP Result of anti-NASP (IP:11323-1-AP, 5µg)

followed by western blot with 11323-1-AP(NASP antibody) at dilution of 1:1000
Detection:11323-1-AP 1:1000) with mouse testis tissue lysate 4000ug.