Anti-NASP antibody

Cat. No.	ml125890
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-NASP rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human NASP
Reactivity	Human, Mouse, Rat
Content	1.02 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	NASP
Full name	nuclear autoantigenic sperm protein
Synonyms	HMDRA1; FLB7527; PRO1999
Swissprot	P49321

Target Background

This gene encodes a H1 histone binding protein that is involved in transporting histones into the nucleus of dividing cells. Multiple isoforms are encoded by transcript variants of this gene. The somatic form is expressed in all mitotic cells, is localized to the nucleus, and is coupled to the cell cycle. The testicular form is expressed in embryonic tissues, tumor cells, and the testis. In male germ cells, this protein is localized to the cytoplasm of primary spermatocytes, the nucleus of spermatids, and the periacrosomal region of mature spermatozoa.
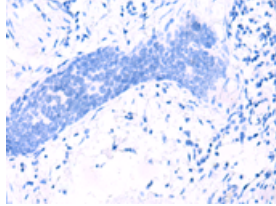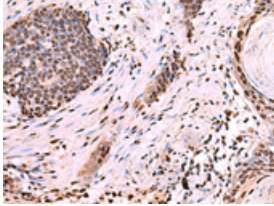
Applications

Immunohistochemistry

Predicted cell location: Nucleus

Positive control: Human esophagus cancer

Recommended dilution: 50-300

Predicted cell location: Nucleus

Positive control: Human ovarian cancer

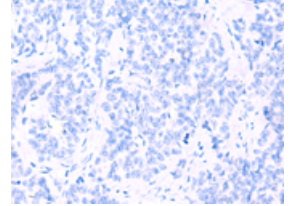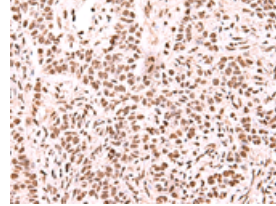Recommended dilution: 50-300

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml125890(NASP Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: ×200)

The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ml125890(NASP Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: ×200)

ELISA

Recommended dilution: 5000-10000

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