

Rabbit anti-Human NASP Polyclonal Antibody | anti-NASP antibody

NASP Antibody (N-term)

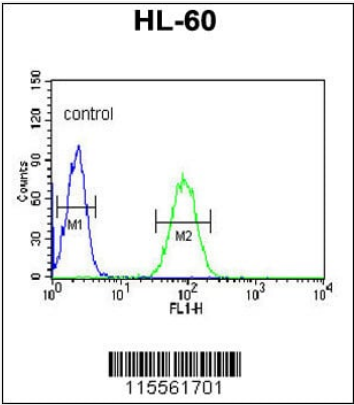
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286438	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

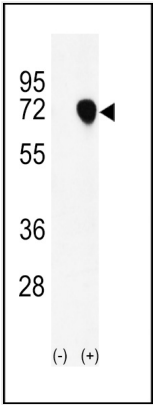
NASP; Polyclonal Antibody; NASP Antibody (N-term); Nuclear autoantigenic sperm protein; anti-NASP antibody

PRODUCT SPECIFICATIONS

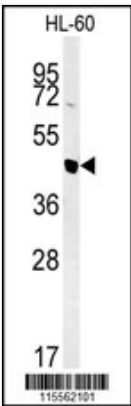
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NASP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 152-180 amino acids from the N-terminal region of human NASP.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	152-180
Sequence Length	724
Applicable Applications for anti-NASP antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
NASP Antibody (N-term) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of NASP (arrow) using rabbit polyclonal NASP Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the NASP gene (Lane 2).



WB (Western Blot)
Western blot analysis of NASP Antibody (N-term)) in HL-60 cell line lysates (35ug/lane). NASP (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-NASP antibody	NASP 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.
Product Categories/Family for anti-NASP antibody	Cell Biology
References	Alekseev, O.M., et al. Reprod. Biol. Endocrinol. 7, 45 (2009) Wang, H., et al. Nucleic Acids Res. 36(18):5763-5772(2008) Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	304434531
NCBI GeneID	4678
NCBI Accession #	NP_001182122.1; NP_002473.2; NP_689511.2
NCBI GenBank Nucleotide #	NM_001195193.1
UniProt Accession #	P49321; Q53GW5; Q5T622; Q5T625; Q96A69; Q9BTW2; A8K6H2; B4DQP3; D3DQ07; F5H3J2

Molecular Weight	85238
NCBI Official Full Name	nuclear autoantigenic sperm protein isoform 4
NCBI Official Synonym Full Names	nuclear autoantigenic sperm protein (histone-binding)
NCBI Official Symbol	NASP
NCBI Official Synonym Symbols	HMDRA1; FLB7527; PRO1999
NCBI Protein Information	nuclear autoantigenic sperm protein
UniProt Protein Name	Nuclear autoantigenic sperm protein
UniProt Gene Name	NASP
UniProt Synonym Gene Names	NASP
UniProt Entry Name	NASP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nasp-antibody-flow-cytometry-western-blot-elisa/286438>