NASP Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NASP, Polyclonal Antibody
Full Product Name	NASP (N-Term) Rabbit pAb
Product Gene Name	anti-NASP antibody
Product Synonym Names	Nuclear autoantigenic sperm protein; NASP; NASP
Clonality	Polyclonal
Isotype	Ig
Clone Number	RB15561
Host	Rabbit
Species Reactivity	Human
Form/Format	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.
Purity/Purification	Affinity Purified
OMIM	603185
3D Structure	ModBase 3D Structure for P49321
Immunogen	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.
Cellular Localization	Cytoplasm, Nucleus
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NASP antibody	Western Blot (WB), Flow Cytometry (FC/FACS)
Application Notes for anti-NASP antibody	WB: 1:1000 FC/FACS: 1:10-50
Related Product Information for anti-NASP antibody	MBS8554369 is an antibody targeting NASP. Also known as NASP (N-Term) Rabbit pAb. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-NASP antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NASP. It may not necessarily be applicable to this product.

NCBI GI #	23503077
NCBI Accession #	P49321.2
UniProt Primary Accession #	P49321
NCBI Official Full Name	Nuclear autoantigenic sperm protein
UniProt Protein Name	Nuclear autoantigenic sperm protein

Protein Family	Nuclear autoantigenic sperm protein
UniProt Gene Name	NASP
UniProt Synonym Gene Names	NASP
UniProt Entry Name	NASP_HUMAN
UniProt Comments for NASP	NASP: Required for DNA replication, normal cell cycle progression and cell proliferation. Forms a cytoplasmic complex with HSP90 and H1 linker histones and stimulates HSP90 ATPase activity. NASP and H1 histone are subsequently released from the complex and translocate to the nucleus where the histone is released for binding to DNA. Belongs to the NASP family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Cell cycle regulation Chromosomal Location of Human Ortholog: 1p34.1 Cellular Component: nucleoplasm; protein complex; cytoplasm; nuclear chromatin; nucleus Molecular Function: histone binding; Hsp90 protein binding Biological Process: cell proliferation; blastocyst development; protein transport; DNA replication-independent nucleosome assembly; histone exchange; cell cycle; DNA replication; DNA replication-dependent nucleosome assembly
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