

**NUSAP Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11000a****Specification**

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**NUSAP Antibody (N-term) Blocking peptide - Product Information**Primary Accession [Q9BXS6](#)**NUSAP Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 51203**Other Names**

Nucleolar and spindle-associated protein 1, NuSAP, NUSAP1, ANKT

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**NUSAP Antibody (N-term) Blocking peptide - Protein Information****Name** NUSAP1**Synonyms** ANKT**Function**

Microtubule-associated protein with the capacity to bundle and stabilize microtubules (By similarity). May associate with chromosomes and promote the organization of mitotic spindle microtubules around them.

**Cellular Location**

Cytoplasm. Nucleus, nucleolus. Cytoplasm, cytoskeleton, spindle Chromosome. Note=Found in the cytoplasm and nucleolus during interphase and redistributes to the mitotic spindle in prometaphase (By similarity). Localizes to the mitotic spindle during anaphase and telophase then disappears from around the chromosomes during cytokinesis (By similarity). Localizes to multiple distinct regions of chromosomes throughout mitosis. {ECO:0000250, ECO:0000269|PubMed:17276916, ECO:0000269|PubMed:17618083}

**NUSAP Antibody (N-term) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

#### **NUSAP Antibody (N-term) Blocking peptide - Images**

#### **NUSAP Antibody (N-term) Blocking peptide - Background**

NUSAP1 is a nucleolar-spindle-associated protein that plays a role in spindle microtubule organization (Raemaekers et al., 2003 [PubMed 12963707]).

#### **NUSAP Antibody (N-term) Blocking peptide - References**

Wadia, P.P., et al. Blood 115(10):2077-2087(2010) Matsuoka, S., et al. Science 316(5828):1160-1166(2007) Nousiainen, M., et al. Proc. Natl. Acad. Sci. U.S.A. 103(14):5391-5396(2006) Raemaekers, T., et al. J. Cell Biol. 162(6):1017-1029(2003)