

**NPM3 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP5335a****Specification**

---

**NPM3 Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [O75607](#)  
Other Accession [NP\\_008924.1](#)

**NPM3 Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 10360

**Other Names**  
Nucleoplasmin-3, NPM3

**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.

**NPM3 Antibody (N-term) Blocking peptide - Protein Information**

**Name** NPM3

**Function**  
Plays a role in the regulation of diverse cellular processes such as ribosome biogenesis, chromatin remodeling or protein chaperoning (PubMed:<a href="http://www.uniprot.org/citations/22362753" target="\_blank">22362753</a>, PubMed:<a href="http://www.uniprot.org/citations/20073534" target="\_blank">20073534</a>). Modulates the histone chaperone function and the RNA-binding activity of nucleolar phosphoprotein B23/NPM (PubMed:<a href="http://www.uniprot.org/citations/22362753" target="\_blank">22362753</a>). Efficiently mediates chromatin remodeling when included in a pentamer containing NPM3 and NPM (PubMed:<a href="http://www.uniprot.org/citations/15596447" target="\_blank">15596447</a>).

**Cellular Location**  
Nucleus. Nucleus, nucleolus Note=Mainly found in the granular component of the nucleolus

**Tissue Location**  
Ubiquitous..

## **NPM3 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

## **NPM3 Antibody (N-term) Blocking peptide - Images**

## **NPM3 Antibody (N-term) Blocking peptide - Background**

NPM3 is related to the nuclear chaperone phosphoproteins, nucleoplasmin and nucleophosmin. This protein is strongly expressed in diverse cell types where it localizes primarily to the nucleus. Based on its similarity to nucleoplasmin and nucleophosmin, this protein likely functions as a molecular chaperone in the cell nucleus.

## **NPM3 Antibody (N-term) Blocking peptide - References**

Gadad, S.S., et al. Biochemistry 49(7):1355-1357(2010)Pradeepa, M.M., et al. J. Biol. Chem. 284(43):29956-29967(2009)Olsen, J.V., et al. Cell 127(3):635-648(2006)