

**NUP155 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6661a****Specification**

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**NUP155 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [O75694](#)**NUP155 Antibody (N-term) Blocking Peptide - Additional Information**

Gene ID 9631

**Other Names**

Nuclear pore complex protein Nup155, 155 kDa nucleoporin, Nucleoporin Nup155, NUP155, KIAA0791

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6661a](/products/AP6661a) was selected from the N-term region of human NUP155. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**NUP155 Antibody (N-term) Blocking Peptide - Protein Information**

Name NUP155

Synonyms KIAA0791

**Function**

Essential component of nuclear pore complex. Could be essential for embryogenesis. Nucleoporins may be involved both in binding and translocating proteins during nucleocytoplasmic transport.

**Cellular Location**

Nucleus, nuclear pore complex {ECO:0000250|UniProtKB:P37199}. Nucleus membrane {ECO:0000250|UniProtKB:P37199}; Peripheral membrane protein {ECO:0000250|UniProtKB:P37199}; Cytoplasmic side {ECO:0000250|UniProtKB:P37199}. Nucleus membrane {ECO:0000250|UniProtKB:P37199}; Peripheral membrane protein

{ECO:0000250|UniProtKB:P37199}; Nucleoplasmic side {ECO:0000250|UniProtKB:P37199}.  
Note=In mitosis, assumes a diffuse cytoplasmic distribution probably as a monomer, before reversing back into a punctate nuclear surface localization at the end of mitosis  
{ECO:0000250|UniProtKB:P37199}

**Tissue Location**

Expressed in all tissues tested, including heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas

**NUP155 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**NUP155 Antibody (N-term) Blocking Peptide - Images****NUP155 Antibody (N-term) Blocking Peptide - Background**

Nucleoporins are the main components of the nuclear pore complex (NPC) of eukaryotic cells. They are involved in the bidirectional trafficking of molecules, especially mRNAs and proteins, between the nucleus and the cytoplasm. The protein does not contain the typical FG repeat sequences found in most vertebrate nucleoporins.

**NUP155 Antibody (N-term) Blocking Peptide - References**

Zhang,X., Cell 135 (6), 1017-1027 (2008)Rayala,H.J., Mol. Cell Proteomics 3 (2), 145-155 (2004)