

Nup107 Antibody
Rabbit mAb
Catalog # AP92972**Specification**

Nup107 Antibody - Product Information

Application	WB
Primary Accession	P57740
Clonality	Monoclonal
Other Names	
NUP107; NUP84;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	106374 Da

Nup107 Antibody - Additional Information

Dilution	WB~~1:1000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Nup107
Description	Plays a role in the nuclear pore complex (NPC) assembly and/or maintenance. Required for the assembly of peripheral proteins into the NPC. May anchor NUP62 to the NPC.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Nup107 Antibody - Protein Information**Name** NUP107**Function**

Plays a role in the nuclear pore complex (NPC) assembly and/or maintenance (PubMed:12552102, PubMed:15229283, PubMed:30179222). Required for the assembly of peripheral proteins into the NPC (PubMed:12552102, PubMed:15229283). May anchor NUP62 to the NPC (PubMed:15229283). Involved in nephrogenesis (PubMed:30179222).

Cellular Location

Nucleus membrane. Nucleus, nuclear pore complex. Chromosome, centromere, kinetochore.

Note=Located on both the cytoplasmic and nuclear sides of the NPC core structure (PubMed:11564755). During mitosis, localizes to the kinetochores (PubMed:11564755). Dissociates from the disassembled NPC structure late during prophase of mitosis (PubMed:11564755)

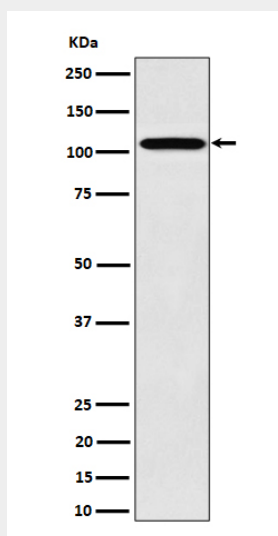
Tissue Location

Ubiquitously expressed in fetal and adult tissues.

Nup107 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Nup107 Antibody - Images

Western blot analysis of Nup107 expression in 293 cell lysate.