

NUP107 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS13729**Specification**

NUP107 Antibody (Internal) - Product Information

Application	ICC, IF, WB
Primary Accession	P57740
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	106kDa KDa

NUP107 Antibody (Internal) - Additional Information**Gene ID** 57122**Other Names**

Nuclear pore complex protein Nup107, 107 kDa nucleoporin, Nucleoporin Nup107, NUP107

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

NUP107 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

NUP107 Antibody (Internal) - 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:15229283, PubMed:12552102). 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)

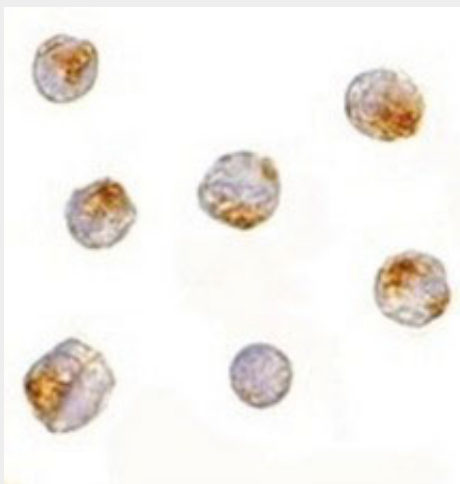
Tissue Location

Ubiquitously expressed in fetal and adult tissues.

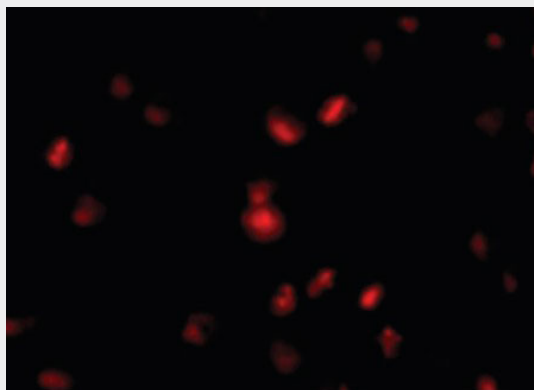
NUP107 Antibody (Internal) - Protocols

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

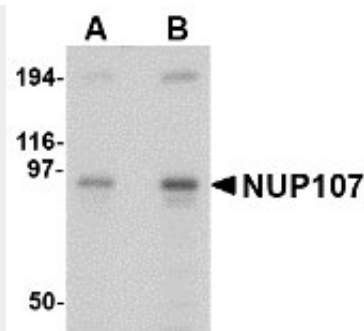
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NUP107 Antibody (Internal) - Images

Immunocytochemistry of NUP107 in A549 cells with NUP107 antibody at 10 ug/ml.



Immunofluorescence of NUP107 in A549 cells with NUP107 antibody at 10 ug/ml.



Western blot of NUP107 in A549 cell lysate with NUP107 antibody at (A) 1 and (B) 2 ug/ml.

NUP107 Antibody (Internal) - Background

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.

NUP107 Antibody (Internal) - References

Cordes V.C.,et al.Submitted (AUG-2000) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Scherer S.E.,et al.Nature 440:346-351(2006).
Belgareh N.,et al.J. Cell Biol. 154:1147-1160(2001).
Vasu S.,et al.J. Cell Biol. 155:339-354(2001).