

Nup107 Antibody

Rabbit mAb Catalog # AP92972

Product Information

Application WB
Primary Accession P57740
Reactivity Human
Clonality Monoclonal
Other Names NUP107; NUP84;

IsotypeRabbit IgGHostRabbitCalculated MW106374

Additional Information

Dilution WB 1:500~1:2000

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.

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:<u>12552102</u>, PubMed:<u>15229283</u>). May anchor NUP62 to the NPC (PubMed:<u>15229283</u>). Involved in nephrogenesis (PubMed:<u>30179222</u>).

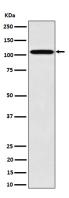
Cellular Location Nucleus membrane. Nucleus, nuclear pore complex. Chromosome,

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 dissasembled

NPC structure late during prophase of mitosis (PubMed:11564755)

Tissue Location Ubiquitously expressed in fetal and adult tissues.

Images



Western blot analysis of Nup107 expression in 293 cell lysate.

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