


Anti-Nup107 antibody ab85916

[2 References](#) [2 Images](#)

Overview

Product name	Anti-Nup107 antibody
Description	Rabbit polyclonal to Nup107
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human Predicted to work with: Chimpanzee, Rhesus monkey, Gorilla, Orangutan 
Immunogen	Synthetic peptide, corresponding to a region between residues 875 and 925 of Human Nup107 (NP_065134.1)
Positive control	HeLa and 293T whole cell lysates.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: Tris buffered saline, 0.1% BSA
Purity	Immunogen affinity purified
Purification notes	ab85916 was affinity purified using an epitope specific to Nup107 immobilized on solid support.
Clonality	Polyclonal
Isotype	IgG

Applications

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab85916 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/2000 - 1/10000. Detects a band of approximately 106 kDa (predicted molecular weight: 106 kDa).
IP		Use at 2-5 µg/mg of lysate.

Target

Function

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.

Tissue specificity

Ubiquitously expressed in fetal and adult tissues.

Involvement in disease

Nephrotic syndrome 11

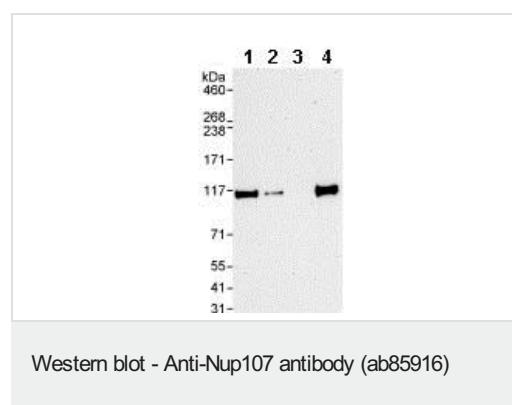
Sequence similarities

Belongs to the nucleoporin Nup84/Nup107 family.

Cellular localization

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

Images



All lanes : Anti-Nup107 antibody (ab85916) at 0.04 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

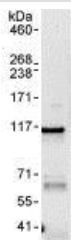
Lane 3 : HeLa whole cell lysate at 5 µg

Lane 4 : 293T whole cell lysate at 50 µg

Predicted band size: 106 kDa

Observed band size: 106 kDa

Exposure time: 3 minutes



Immunoprecipitation - Anti-Nup107 antibody
(ab85916)

Detection of Nup107 by Western Blot of Immunoprecipitate.
ab85916 at 1 µg/ml staining Nup107 in HeLa whole cell lysate
immunoprecipitated using ab85916 at 3 µg/mg lysate (1 mg/IP; 20%
of IP loaded/lane).
Detection: Chemiluminescence with exposure time of 10 seconds.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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