


Product datasheet

Anti-Nup107 antibody [EPR12242] ab178399

Recombinant **RabMAb**

★★★★★ [1 Abreviews](#) [2 References](#) [2 Images](#)

Overview

Product name	Anti-Nup107 antibody [EPR12242]
Description	Rabbit monoclonal [EPR12242] to Nup107
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Human Predicted to work with: Rat 
Immunogen	Synthetic peptide within Human Nup107 aa 750-850 (Cysteine residue). The exact sequence is proprietary. Database link: P57740
Positive control	293T, HeLa and BxPC-3 cell lysates.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture

	supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR12242
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab178399 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

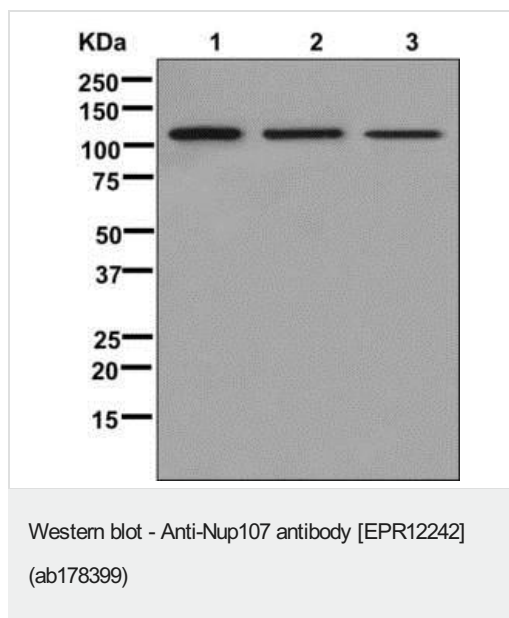
Application	Abreviews	Notes
WB	★★★★★ (1)	1/10000 - 1/50000. Predicted molecular weight: 106 kDa.

Application notes Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

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 [EPR12242] (ab178399) at 1/10000 dilution

Lane 1 : 293T cell lysate

Lane 2 : HeLa cell lysate

Lane 3 : BxPC-3 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-rabbit HRP at 1/2000 dilution

Developed using the ECL technique.

Predicted band size: 106 kDa

Why choose a recombinant antibody?

Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

Anti-Nup107 antibody [EPR12242] (ab178399)

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

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