

Anti-Nup107 antibody [EPR22877-21] ab236634

重组 RabMAb

4 图像

概述

产品名称	Anti-Nup107抗体[EPR22877-21]
描述	兔单克隆抗体[EPR22877-21] to Nup107
宿主	Rabbit
经测试应用	适用于: WB, IP 不适用于: Flow Cyt, ICC/IF or IHC-P
种属反应性	与反应: Mouse, Rat, Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: PC-12, RAW 264.7, NIH/3T3, HepG2, HEK-293T and HeLa whole cell lysates. IP: HEK-293T whole cell lysate.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

性能

形式	Liquid
存放说明	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.
存储溶液	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR22877-21

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab236634于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000. Detects a band of approximately 107 kDa (predicted molecular weight: 106 kDa).
IP		1/30.

应用说明

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

靶标

功能

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.

组织特异性

Ubiquitously expressed in fetal and adult tissues.

疾病相关

Nephrotic syndrome 11

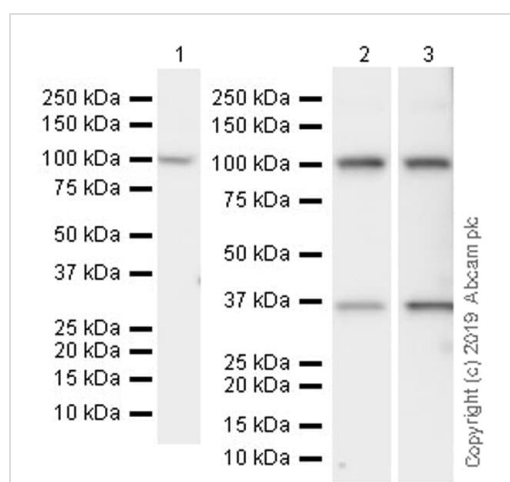
序列相似性

Belongs to the nucleoporin Nup84/Nup107 family.

细胞定位

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).

图片



Western blot - Anti-Nup107 antibody [EPR22877-21] (ab236634)

All lanes : Anti-Nup107 antibody [EPR22877-21] (ab236634) at 1/1000 dilution (Purified)

Lane 1 : PC-12 (rat adrenal gland pheochromocytoma), whole cell lysate

Lane 2 : RAW264.7 (mouse Abelson murine leukemia virus-induced tumor macrophage), whole cell lysate

Lane 3 : NIH/3T3 (mouse embryonic fibroblast), whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution

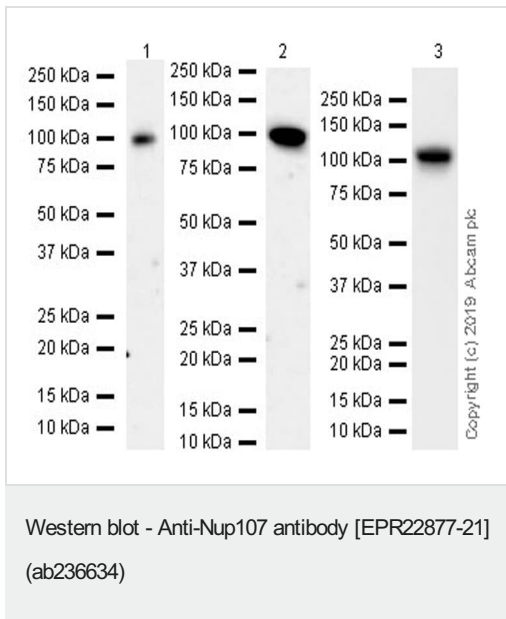
Predicted band size: 106 kDa

Observed band size: 107 kDa

Exposure time: 15 seconds

This antibody reacts with an unidentifiable protein around 37 kDa.

Blocking and dilution buffer: 5% NFDm/TBST.



All lanes : Anti-Nup107 antibody [EPR22877-21] (ab236634) at 1/1000 dilution (Purified)

Lane 1 : HepG2 (human hepatocellular carcinoma epithelial cell), whole cell lysate at 10 µg

Lane 2 : 293T (human embryonic kidney epithelial cell), whole cell lysate at 10 µg

Lane 3 : HeLa (human cervix adenocarcinoma epithelial cell), whole cell lysate at 20 µg

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

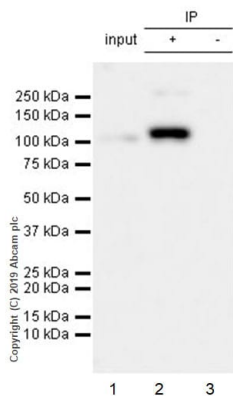
Predicted band size: 106 kDa

Observed band size: 107 kDa

Blocking and dilution buffer: 5% NFDm/TBST.

Exposure times:

Lanes 1-2: 3 minutes; Lane 3: 15 seconds.



Immunoprecipitation - Anti-Nup107 antibody
[EPR22877-21] (ab236634)

Nup107 was immunoprecipitated from 0.35 mg HEK-293T (human embryonic kidney epithelial cell) whole cell lysate 10ug with ab236634 at 1/30 dilution (2ug in 0.35mg lysates). Western blot was performed on the immunoprecipitate using ab236634. VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)) was used at 1/5000 dilution.

Lane 1: HEK-293T (human embryonic kidney epithelial cell) whole cell lysate 10ug

Lane 2: ab236634 IP in HEK-293T whole cell lysate

Lane 3: Rabbit monoclonal IgG ([ab172730](#)) instead of ab236634 in HEK-293T whole cell lysate.

Blocking and dilution buffer and concentration/ 5% NFDm/TBST.

Exposure time: 6 seconds

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 [EPR22877-21] (ab236634)

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

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