


Anti-NUP133 antibody [EPR10808(B)] ab155990

リコンビナント RabMAb

★★★★☆ **1 Abreviews** **7 References** **画像数 7**

製品の概要

製品名	Anti-NUP133 antibody [EPR10808(B)]
製品の詳細	Rabbit monoclonal [EPR10808(B)] to NUP133
由来種	Rabbit
アプリケーション	適用あり: WB, ICC/IF 適用なし: Flow Cyt or IHC-P
種交差性	交差種: Human, African green monkey 交差が予測される動物種: Monkey 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	HeLa, Ramos and SH-SY5Y cell lysates; HeLa cells.
特記事項	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 . Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA
精製度	Protein A purified

ポリ/モノ	モノクローナル
クローン名	EPR10808(B)
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab155990の使用に適用されます**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

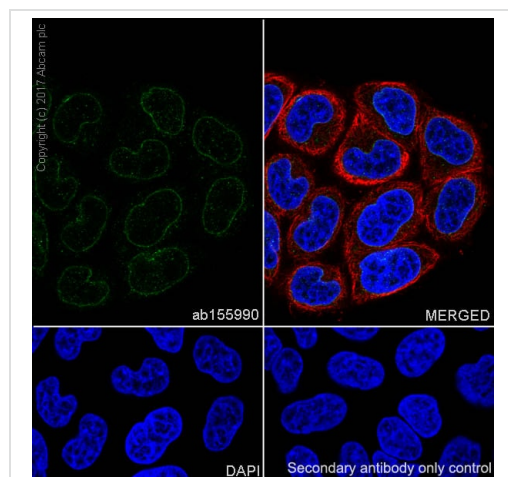
アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Predicted molecular weight: 129 kDa.
ICC/IF	★★★★★ (1)	1/50 - 1/100.

追加情報 Is unsuitable for Flow Cyt or IHC-P.

ターゲット情報

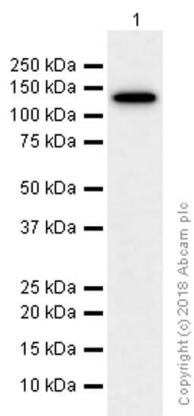
機能	Involved in poly(A)+ RNA transport.
配列類似性	Belongs to the nucleoporin Nup133 family.
細胞内局在	Nucleus > nuclear pore complex. Chromosome > centromere > kinetochore. Located on both the cytoplasmic and nuclear sides of the nuclear pore. During mitosis, localizes to the kinetochores.

画像



Immunocytochemistry/ Immunofluorescence analysis of HeLa (human cervix adenocarcinoma epithelial cell) cells labeling NUP133 with purified ab155990 at 1:50 (6.5 µg/ml). Cells were fixed in 4% Paraformaldehyde and permeabilized with 0.1% tritonX-100. Cells were counterstained with Ab195889 Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1:200 (2.5 µg/ml). Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) was used as the secondary antibody at 1:1000 (2 µg/ml) dilution. DAPI nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.

Immunocytochemistry/ Immunofluorescence - Anti-NUP133 antibody [EPR10808(B)] (ab155990)



Western blot - Anti-NUP133 antibody
[EPR10808(B)] (ab155990)

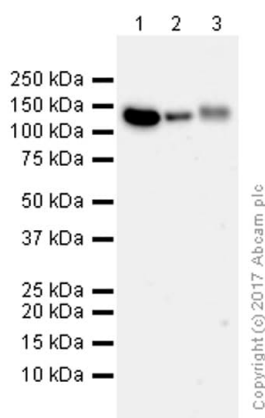
Anti-NUP133 antibody [EPR10808(B)] (ab155990) at 1/1000 dilution (purified) + COS-1 (African green monkey kidney fibroblast-like) whole cell lysates at 15 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

Predicted band size: 129 kDa

Observed band size: 129 kDa



Western blot - Anti-NUP133 antibody
[EPR10808(B)] (ab155990)

Lanes 1 & 3 : Anti-NUP133 antibody [EPR10808(B)] (ab155990) at 1/3000 dilution (purified)

Lane 2 : Anti-NUP133 antibody [EPR10808(B)] (ab155990) at 1/3000 dilution (purified)

Lane 1 : HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2 : Ramos (Human Burkitt's lymphoma B lymphocyte) whole cell lysates

Lane 3 : SH-SY5Y (Human neuroblastoma epithelial cell) whole cell lysates

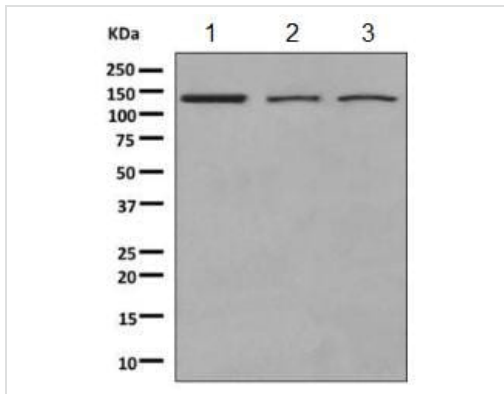
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

Predicted band size: 129 kDa

Observed band size: 129 kDa



Western blot - Anti-NUP133 antibody
[EPR10808(B)] (ab155990)

All lanes : Anti-NUP133 antibody [EPR10808(B)] (ab155990) at 1/1000 dilution (unpurified)

Lane 1 : HeLa cell lysate

Lane 2 : Ramos cell lysate

Lane 3 : SH-SY5Y cell lysate

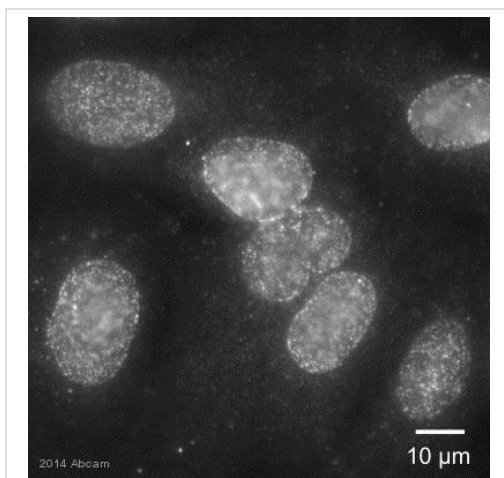
Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 129 kDa

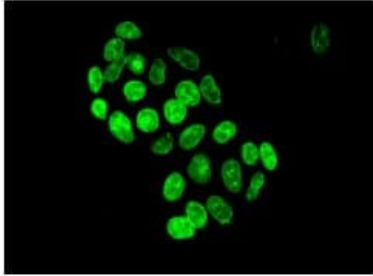
This image was produced using unpurified antibody.



Immunocytochemistry/ Immunofluorescence - Anti-NUP133 antibody [EPR10808(B)] (ab155990)

This image is courtesy of an Abreview submitted by Aaron Halpen

Unpurified ab155990 staining NUP133 in monkey kidney cells by ICC/IF (Immunocytochemistry/immunofluorescence). Cells were fixed with paraformaldehyde and blocked with 3% BSA + 0.5% Triton X-100 for 45 minutes at 25°C. Samples were incubated with primary antibody (1/1500 in 3% BSA + 0.5% Triton X-100) for 45 minutes at 25°C. An Alexa Fluor® 647-conjugated donkey anti-rabbit IgG polyclonal (2 µg/ml) was used as the secondary antibody. This image was produced using unpurified antibody.



Immunofluorescent analysis of HeLa cells labeling NUP133 with unpurified ab155990 at 1/50 dilution. This image was produced using unpurified antibody.

Immunocytochemistry/ Immunofluorescence - Anti-NUP133 antibody [EPR10808(B)] (ab155990)

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

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