


Anti-NUP214 antibody ab70497

★★★★☆ [4 Abreviews](#) [18 References](#) [画像数 4](#)

製品の概要

製品名	Anti-NUP214 antibody
製品の詳細	Rabbit polyclonal to NUP214
由来種	Rabbit
特異性	We have data to indicate that this antibody may not cross react with Mouse. However, this has not been conclusively tested and expression levels may vary in certain cell lines/tissues.
アプリケーション	適用あり: ICC, ICC/IF, IHC-P, WB, IP
種交差性	交差種: Mouse, Human 交差が予測される動物種: Chimpanzee, Rhesus monkey, Gorilla, Orangutan 
免疫原	Synthetic peptide corresponding to a region between residues 1250 and 1300 of human NUP214. (NP_005076.3)
ポジティブ・コントロール	WB: HeLa and KEK293T lysate; IP: HeLa lysate; IHC: ovarian carcinoma tissue
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
精製度	Immunogen affinity purified
ポリクローナル	ポリクローナル
アイソタイプ	IgG

アプリケーション

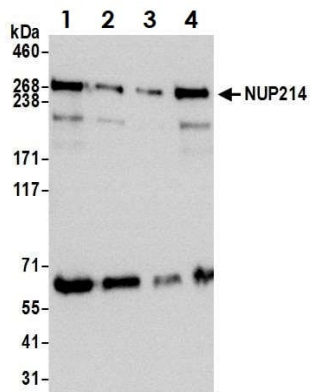
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab70497の使用に適用されず**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC		Use at an assay dependent concentration.
ICC/IF	★★★★★ (1)	Use at an assay dependent concentration. PubMed: 19339552
IHC-P		1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB	★★★★☆ (2)	1/2000 - 1/10000. Detects a band of approximately 280 kDa (predicted molecular weight: 214 kDa).
IP	★★★★☆ (1)	Use at 2-10 µg/mg of lysate.

ターゲット情報

機能	May serve as a docking site in the receptor-mediated import of substrates across the nuclear pore complex.
組織特異性	Expressed in thymus, spleen, bone marrow, kidney, brain and testis, but hardly in all other tissues or in whole embryos during development.
関連疾患	Note=A chromosomal aberration involving NUP214 is found in a subset of acute myeloid leukemia (AML); also known as acute non-lymphocytic leukemia. Translocation t(6;9)(p23;q34) with DEK. It results in the formation of a DEK-CAN fusion gene. Note=A chromosomal aberration involving NUP214 is found in some cases of acute undifferentiated leukemia (AUL). Translocation t(6;9)(q21;q34.1) with SET.
ドメイン	Contains FG repeats.
翻訳後修飾	Probably glycosylated as it reacts with wheat germ agglutinin (WGA).
細胞内局在	Nucleus > nuclear pore complex. Cytoplasmic filaments.

画像



Western blot - Anti-NUP214 antibody (ab70497)

All lanes : Anti-NUP214 antibody (ab70497) at 0.1 µg/ml

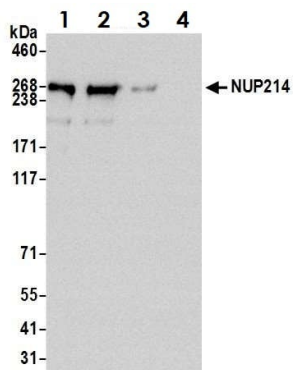
Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

Lane 3 : HeLa whole cell lysate at 5 µg

Lane 4 : HEK293T whole cell lysate at 50 µg

Predicted band size: 214 kDa



Immunoprecipitation - Anti-NUP214 antibody (ab70497)

NUP214 was immunoprecipitated from HeLa whole cell lysate (0.1 mg per IP reaction, 20% loaded) with ab70497 at 6 µg per reaction.

Western blot was performed on the immunoprecipitate using ab70497 at 0.04 µg/mL.

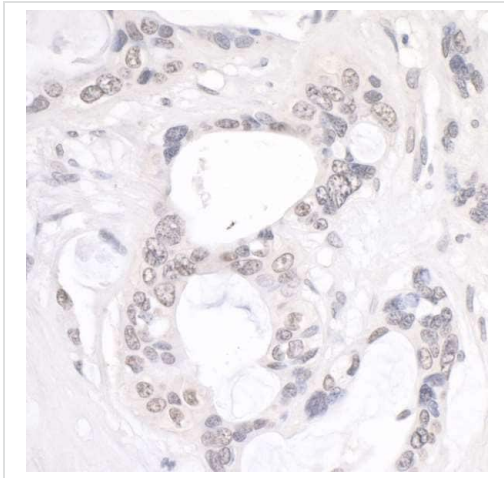
Lane 1: ab70497 IP in HeLa whole cell lysate.

Lane 2: ab70497 IP in HeLa whole cell lysate.

Lane 3: rabbit anti-NUP214 antibody IP in HeLa whole cell lysate.

Lane 4: Control IgG in HeLa whole cell lysate.

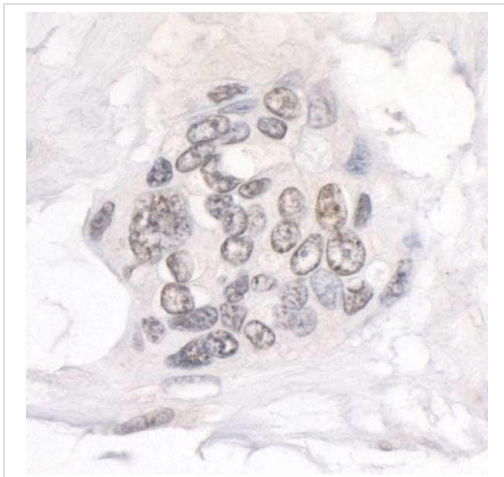
Detection: Chemiluminescence with an exposure time of 30 seconds.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NUP214 antibody (ab70497)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human ovarian carcinoma labeling NUP214 with ab70497 at 1/200 dilution.

Detection: DAB



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Detection: DAB

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