

Anti-Pericentrin antibody ab99341

画像数 3

製品の概要

製品名	Anti-Pericentrin antibody
製品の詳細	Rabbit polyclonal to Pericentrin
由来種	Rabbit
アプリケーション	適用あり: WB, IP, ICC
種交差性	交差種: Human
免疫原	Synthetic peptide, corresponding to a region within amino acids 175-225 of Human Pericentrin (NP_006022.3).
ポジティブ・コントロール	HeLa whole cell lysate
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	<p>pH: 7</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituent: Tris citrate/phosphate</p>
精製度	Immunogen affinity purified
ポリ/モノ	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ab99341の使用に適用されます

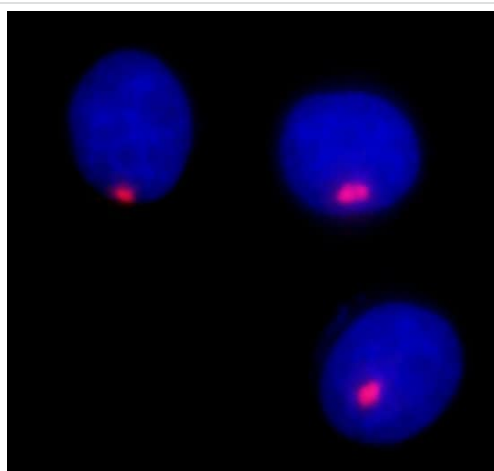
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration. Predicted molecular weight: 378 kDa.
IP		Use at 2-5 µg/mg of lysate.
ICC		1/1000 - 1/5000. Formaldehyde or Acetone fixation is recommended. Permeabilization with Triton-X 100 is recommended for formaldehydefixed cells.

ターゲット情報

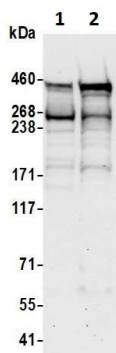
機能	Integral component of the filamentous matrix of the centrosome involved in the initial establishment of organized microtubule arrays in both mitosis and meiosis. Plays a role, together with DISC1, in the microtubule network formation. Is an integral component of the pericentriolar material (PCM). May play an important role in preventing premature centrosome splitting during interphase by inhibiting NEK2 kinase activity at the centrosome.
組織特異性	Expressed in all tissues tested, including placenta, liver, kidney and thymus.
関連疾患	Microcephalic osteodysplastic primordial dwarfism 2
ドメイン	Composed of a coiled-coil central region flanked by non-helical N- and C-terminals.
細胞内局在	Cytoplasm > cytoskeleton > microtubule organizing center > centrosome. Centrosomal at all stages of the cell cycle. Remains associated with centrosomes following microtubule depolymerization. Colocalized with DISC1 at the centrosome.

画像



Immunocytochemistry - Anti-Pericentrin antibody
(ab99341)

Immunocytochemistry/Immunofluorescence analysis of formaldehyde-fixed asynchronous HeLa cells labelling Pericentrin with ab99341 at 1/1000 (1µg/ml). A DyLight® 594-conjugated goat anti-rabbit IgG (H+L) (1/100) was used as the secondary antibody.



Western blot - Anti-Pericentrin antibody (ab99341)

All lanes : Anti-Pericentrin antibody (ab99341) at 0.1 µg/ml

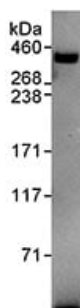
Lane 1 : HeLa cell lysate prepared using NETN lysis buffer

Lane 2 : HEK293T cell lysate prepared using NETN lysis buffer

Lysates/proteins at 50 µg per lane.

Predicted band size: 378 kDa

Detection: Chemiluminescence with an exposure time of 30 seconds.



Immunoprecipitation - Anti-Pericentrin antibody (ab99341)

Detection of Pericentrin by Western Blot of Immunoprecipitates in HeLa whole cell lysate (1 mg for IP, 20% of IP loaded) using ab99341 at 3 µg/mg lysate. Anti-Pericentrin antibody **ab99342**, which recognizes a downstream epitope, was used at 1 µg/ml for subsequent WB detection.

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