

Anti-RAD54 antibody ab10705

★★★★★ [2 Abreviews](#) [3 References](#) [画像数 3](#)

製品の概要

製品名	Anti-RAD54 antibody
製品の詳細	Rabbit polyclonal to RAD54
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P, IP 適用なし: ICC/IF
種交差性	交差種: Human
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	This antibody gave a positive signal in the following whole cell lysates: HeLa; HEK293 as well as HeLa Nuclear lysate in Western blot. This antibody also gave a positive signal in Immunohistochemistry within Human breast adenocarcinoma formalin fixed paraffin embedded tissue section.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
精製度	Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
	Immunogen affinity purified

ポリクローナル
IgG

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ab10705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)	1/500 - 1/1000. Detects a band of approximately 70 kDa (predicted molecular weight: 84.3 kDa).
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
IP		Use a concentration of 5 µg/ml.

ターゲット情報

配列類似性	<p>Belongs to the SNF2/RAD54 helicase family.</p> <p>Contains 1 helicase ATP-binding domain.</p> <p>Contains 1 helicase C-terminal domain.</p>
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細胞内局在 Nucleus.

Western blot - Anti-RAD54 antibody (ab10705)

Lane 1 : Marker
Lane 2 : HeLa nuclear cell lysate
Lane 3 : HeLa cell lysate
Lane 4 : A432 cell lysate
Lane 5 : MCF7 cell lysate
Lane 6 : Hek 293 cell lysate

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab6721**)

Predicted band size: 84.3 kDa

Observed band size: 70 kDa

Rabbit polyclonal to RAD54 (ab10705) at 1/500.

Lane 1 Marker

Lane 2 HeLa nuclear extract

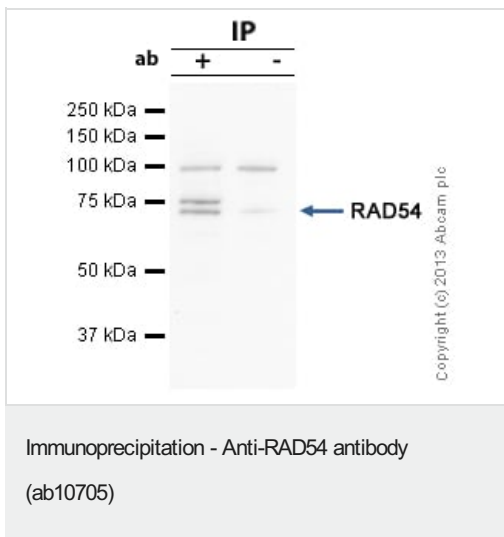
Lane 3 HeLa cell lysate

Lane 4 A432 cell lysate

Lane 5 MCF7 cell lysate

Lane 6 HEK 293 cell lysate

Secondary antibody - Goat polyclonal to rabbit IgG (HRP) - **ab6721**.



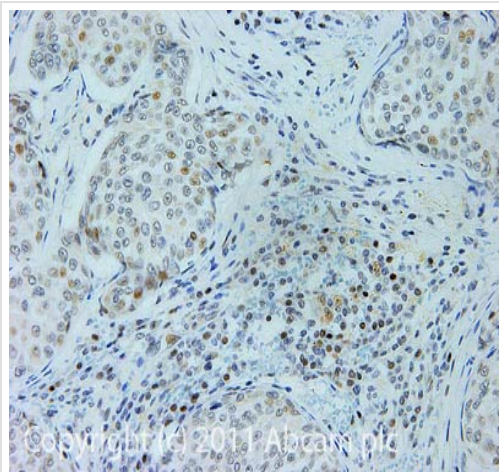
RAD54 was immunoprecipitated using 0.5mg Hela whole cell extract, 5µg of Rabbit polyclonal to RAD54 and 50µl of protein G magnetic beads (+). No antibody was added to the control (-).

The antibody was incubated under agitation with Protein G beads for 10min, Hela whole cell extract lysate diluted in RIPA buffer was added to each sample and incubated for a further 10min under agitation.

Proteins were eluted by addition of 40µl SDS loading buffer and incubated for 10min at 70°C; 10µl of each sample was separated on a SDS PAGE gel, transferred to a nitrocellulose membrane, blocked with 5% BSA and probed with ab10705.

Secondary: Mouse monoclonal [SB62a] Secondary Antibody to Rabbit IgG light chain (HRP) (**ab99697**).

Band: 70kDa; RAD54, non specific band: 75 kDa, We are unsure as to the identity of this extra band. 99kDa band: due to background seen in No ab control lane (2).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RAD54 antibody (ab10705)

IHC image of ab10705 staining in Human breast adenocarcinoma formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab10705, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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