

Anti-SNF2H antibody - ChIP Grade ab3749

★★★★★ [9 Abreviews](#) [43 References](#) [画像数 2](#)

製品の概要

製品名	Anti-SNF2H antibody - ChIP Grade
製品の詳細	Rabbit polyclonal to SNF2H - ChIP Grade
由来種	Rabbit
特異性	From Jan 2024, QC testing of replenishment batches of this polyclonal changed. All tested and expected application and reactive species combinations are still covered by our Abcam product promise. However, we no longer test all applications. For more information on a specific batch, please contact our Scientific Support who will be happy to help. You may also be interested in our alternative recombinant antibody, ab183730 .
アプリケーション	適用あり: IP, ICC/IF, ChIP, WB
種交差性	交差種: Mouse, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
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	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p> <p>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.</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

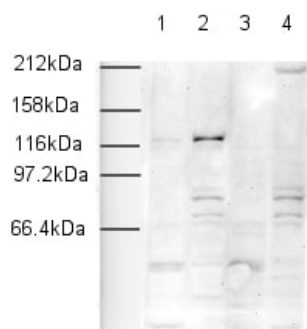
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab3749の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IP	★★★★★ (1)	Use at an assay dependent concentration. PubMed: 16917504
ICC/IF	★★★★★ (3)	Use at an assay dependent concentration.
ChIP	★★★★★ (1)	Use 2.5µl for 10 ⁶ cells.
WB	★★★★★ (4)	1/500. Detects a band of approximately 120 kDa (predicted molecular weight: 122 kDa).

ターゲット情報

機能	Helicase that possesses intrinsic ATP-dependent nucleosome-remodeling activity. Complexes containing SMARCA5 are capable of forming ordered nucleosome arrays on chromatin; this may require intact histone H4 tails. Also required for replication of pericentric heterochromatin in S-phase specifically in conjunction with BAZ1A. Probably plays a role in repression of polI dependent transcription of the rDNA locus, through the recruitment of the SIN3/HDAC1 corepressor complex to the rDNA promoter. Essential component of the WICH complex, a chromatin remodeling complex that mobilizes nucleosomes and reconfigures irregular chromatin to a regular nucleosomal array structure. The WICH complex regulates the transcription of various genes, has a role in RNA polymerase I and RNA polymerase III transcription, mediates the histone H2AX phosphorylation at 'Tyr-142', and is involved in the maintenance of chromatin structures during DNA replication processes. Essential component of the NoRC (nucleolar remodeling complex) complex, a complex that mediates silencing of a fraction of rDNA by recruiting histone-modifying enzymes and DNA methyltransferases, leading to heterochromatin formation and transcriptional silencing.
組織特異性	Ubiquitously expressed.
配列類似性	Belongs to the SNF2/RAD54 helicase family. ISWI subfamily. Contains 1 helicase ATP-binding domain. Contains 1 helicase C-terminal domain. Contains 2 SANT domains.
発生段階	Overexpressed in CD34-positive erythrocyte progenitor cells in acute myeloid leukemia. Down-regulation correlates with hematologic remission following chemotherapy.
細胞内局在	Nucleus.

画像



Western blot - Anti-SNF2H antibody - ChIP Grade (ab3749)

Rabbit polyclonal ab3749 to SNF2H was used in all lanes at 1/500 dilution.

Lane 1: HeLa lysate (20ug)

Lane 2: Mouse 3T3 lysate (20ug)

Lane 3: HeLa lysate (20ug), blocking peptide (**ab5160**) 1.0ug

Lane 4: Mouse 3T3 lysate (20ug), blocking peptide (**ab5160**) 1.0ug

Secondary antibody: Goat polyclonal to Rabbit IgG (**ab6721**)

ab3749 was able to recognise SNF2H in HeLa and Mouse 3T3 lysates (band at ~120 kDa). Binding was blocked by the immunising peptide **ab5160**.

Rabbit polyclonal ab3749 to SNF2H was used in all lanes at 1/500 dilution.

Lane 1: HeLa lysate (20ug)

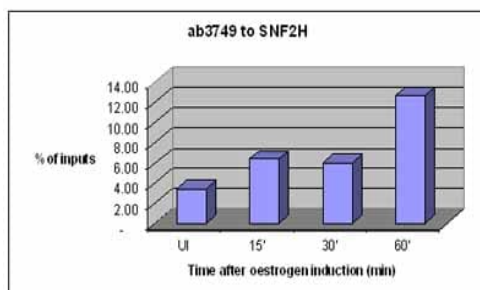
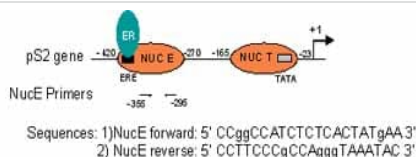
Lane 2: Mouse 3T3 lysate (20ug)

Lane 3: HeLa lysate (20ug), blocking peptide (**ab5160**) 1.0ug

Lane 4: Mouse 3T3 lysate (20ug), blocking peptide (**ab5160**) 1.0ug

Secondary antibody: Goat polyclonal to Rabbit IgG (**ab6721**)

ab3749 was able to recognise SNF2H in HeLa and Mouse 3T3 lysates (band at ~120 kDa). Binding was blocked by the immunising peptide **ab5160**.



ChIP - Anti-SNF2H antibody - ChIP Grade (ab3749)

ab3749 works in ChIP, as shown by the detection of an increase in the recruitment of SNF2H to the estrogen-responsive pS2 promoter.

Sonicated Chromatin prepared from untreated or 17beta-estradiol (E) treated MCF7 cells was subjected to the ChIP procedure with ab3749 antibody specific to SNF2H. The immunoprecipitated chromatin was analysed in the proximal region of the estrogen-responsive pS2 promoter.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet

- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors