abcam

Product datasheet

Anti-SNF2H antibody - ChIP Grade ab3749

9 Abreviews 43 References 2 图像

概述

产品名称	Anti-SNF2H抗体- ChIP Grade
描述	**兔多克隆抗体**to SNF2H - ChIP Grade
宿主	Rabbit
特异性	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**.
经测试应用	**适用于:** IP, ICC/IF, ChIP, WB
种属反应性	**与反应:** Mouse, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
常规说明	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. 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

性能

形式	Liquid
存放说明	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.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS 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.

纯度	Immunogen affinity purified
克隆	**多克隆**
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab3749于以下的经测试应用**

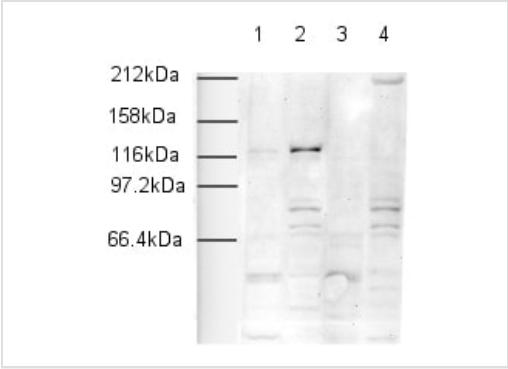
"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
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).

靶标

功能	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 poll 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.
组织特异性	Ubiquitously expressed.
序列相似性	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.
发展阶段	Overexpressed in CD34-positive erythrocyte progenitor cells in acute myeloid leukemia. Down-regulation correlates with hematologic remission following chemotherapy.
细胞定位	Nucleus.

图片



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**)

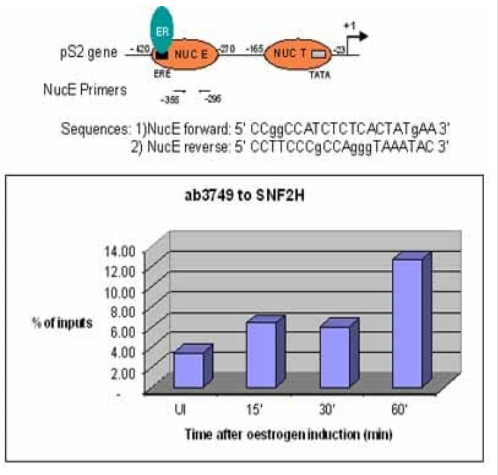
ab3749 was able to recognise SNF2H in HeLA and Mouse 3T3 lysates (band at ~120 kDa). Binding was blocked by the immunising peptide **ab5160**.

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 immun



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 estro

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.cn/abpromise** or contact our technical team.

Terms and conditions

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