abcam

Product datasheet

Anti-SND1 antibody ab65078

★★★★★ 2 Abreviews 9 References 4 图像

概述

产品名称	Anti-SND1抗体
描述	兔多克隆抗体to SND1
宿主	Rabbit
经测试应用	**适用于:** IP, WB, IHC-P, ICC/IF
种属反应性	**与反应:** Human **预测可用于:** Mouse, Rat, Dog, Chimpanzee, Rhesus monkey, Orangutan
免疫原	Synthetic peptide conjugated to KLH derived from within residues 850 to the C-terminus of Human SND1.参阅Abcam的专有抗源政策(Peptide available as **ab71184**.)
阳性对照	This antibody gave a positive signal in the following Human Whole Cell Lysates: Ramos, HeLa - Hydroxyurea Treated (48hr, 2µM), HeLa - Staurosporine Treated (24hr, 500nM), TE 671, HeLa, JEG-3 and Jurkat.
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**ab65078**于以下的**经测试应用

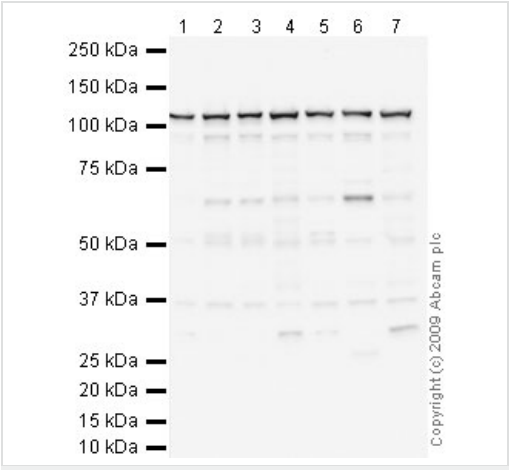
"应用说明"**部分 下显示的**仅为**推荐的起始稀释度**;实际**最佳的稀释度**/浓**度**应**由使用者检定。**

应用	Ab评论	说明
IP	★★★★★ (1)	Use at an assay dependent concentration.
WB	★★★★☆ (1)	Use a concentration of 1 µg/ml. Detects a band of approximately 102 kDa (predicted molecular weight: 102 kDa).
IHC-P		Use a concentration of 5 µg/ml.
ICC/IF		Use a concentration of 1 µg/ml.

靶标

功能	Functions as a bridging factor between STAT6 and the basal transcription factor. Plays a role in PIM1 regulation of MYB activity. Functions as a transcriptional coactivator for the Epstein-Barr virus nuclear antigen 2 (EBNA2).
组织特异性	Ubiquitously expressed.
序列相似性	Contains 4 TNase-like domains. Contains 1 Tudor domain.
翻译后修饰	Phosphorylated by PIM1 in vitro.
细胞定位	Cytoplasm. Nucleus. Melanosome. In IL-4 stimulated cells colocalizes with STAT6 in the nucleus. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

图片



Western blot - Anti-SND1 antibody (ab65078)

All lanes : Anti-SND1 antibody (ab65078) at 1 µg/ml

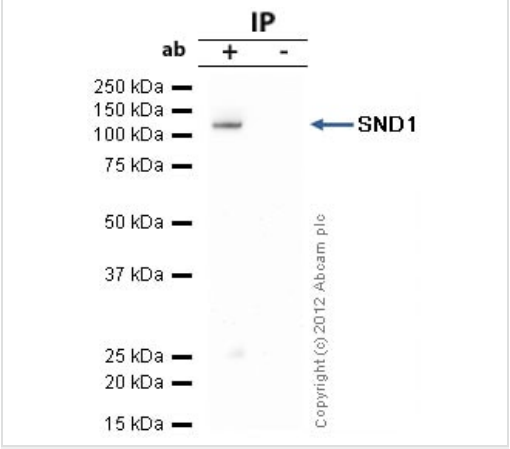
Lane 1 : Ramos (Human Burkitt's lymphoma cell line) Whole Cell Lysate
Lane 2 : HeLa Whole Cell Lysate - Hydroxyurea Treated (48hr, 2µM)
Lane 3 : HeLa Whole Cell Lysate - Staurosporine Treated (24hr, 500nM)
Lane 4 : TE 671 (Human Rhabdomyosarcoma) Whole Cell Lysate
Lane 5 : HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate
Lane 6 : JEG-3 (Human placental choriocarcinoma cell line) Whole Cell Lysate
Lane 7 : Jurkat (Human T cell lymphoblast-like cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Secondary
All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

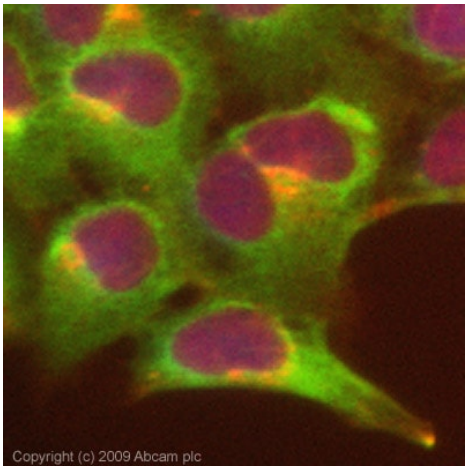
Performed under reducing conditions.

Predicted band size: 102 kDa
Observed band size: 102 kDa



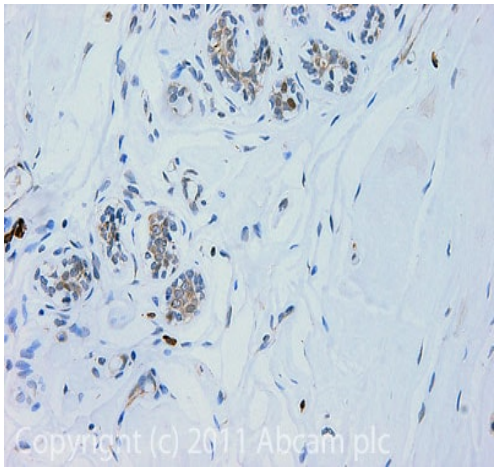
Immunoprecipitation - Anti-SND1 antibody (ab65078)

SND1 was immunoprecipitated using 0.5mg Ramos whole cell extract, 5µg of Rabbit polyclonal to SND1 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, Ramos 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^{o}C; 10µl of each sample was separated on a SDS PAGE gel, transferred to a nitrocellulose membrane, blocked with 5% BSA and probed with ab65078.
Secondary: Mouse monoclonal [SB62a] Secondary Antibody to Rabbit IgG light chain (HRP) (**ab99697**).
Band: 102kDa: SND1.



Immunocytochemistry/ Immunofluorescence - Anti-SND1 antibody (ab65078)

ICC/IF image of ab65078 stained Hek293 cells. The cells were 4% PFA fixed (10 min) and then incubated in 1%BSA / 10% normal Goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab65078, 1µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 Goat anti-Rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM. This antibody also gave a positive result in 4% PFA fixed (10 min) HeLa, HepG2, and MCF-7 cells at 1µg/ml, and in 100% Methanol fixed (5 min) HeLa, Hek293, HepG2, and MCF-7 cells at 1µg/ml.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SND1 antibody (ab65078)

IHC image of ab65078 staining SND1 in Human normal breast 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 ab65078, 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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