

Anti-N4BP1 antibody ab106649

3 图像

概述

| | |
|-------|---|
| 产品名称 | Anti-N4BP1抗体 |
| 描述 | 兔多克隆抗体to N4BP1 |
| 宿主 | Rabbit |
| 特异性 | At least three isoforms of N4BP1 are known to exist; ab106649 will only detect the longest isoform. |
| 经测试应用 | 适用于: ICC, WB |
| 种属反应性 | 与反应: Human |
| 免疫原 | An 18 amino acid synthetic peptide near the N terminus of Human N4BP1 (NP_694574). |
| 阳性对照 | WB: Jurkat and K562 whole cell lysates; ICC: HeLa cells. |
| 常规说明 | <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> |

性能

| | |
|------|---|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Store at 4°C (stable for up to 12 months). |
| 存储溶液 | pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS |
| 纯度 | Immunogen affinity purified |
| 克隆 | 多克隆 |
| 同种型 | IgG |

应用

The Abpromise guarantee

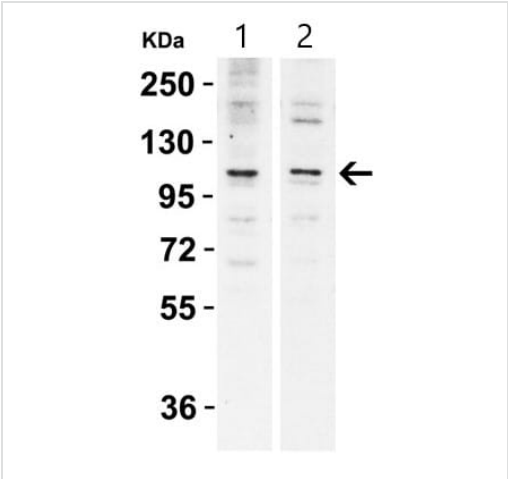
Abpromise™承诺保证使用ab106649于以下的经测试应用

“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 |
|-----|------|--|
| ICC | | Use a concentration of 10 - 20 µg/ml. |
| WB | | Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 100 kDa. |

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| 靶标 | |
| 功能 | Inhibitor of the E3 ubiquitin-protein ligase ITCH. Acts by interacting with the second WW domain of ITCH, leading to compete with ITCH's substrates and impairing ubiquitination of substrates. |
| 组织特异性 | Detected in heart, lung, brain, liver, skeletal muscle, pancreas, kidney, spleen, testis and ovary. |
| 序列相似性 | Belongs to the N4BP1 family. |
| 翻译后修饰 | Monoubiquitinated by NEDD4. Polyubiquitinated, leading to its degradation by the proteasome. Sumoylated by SUMO1, abrogating polyubiquitination and subsequent degradation. Desumoylated by SENP1, leading to accumulation in PML nuclear bodies. Phosphorylated upon DNA damage, probably by ATM or ATR. |
| 细胞定位 | Nucleus > nucleolus. Nucleus > PML body. Primarily localizes to the nucleolus. Also localizes to the PML nuclear bodies, when desumoylated. |

图片



Western blot - Anti-N4BP1 antibody (ab106649)

All lanes : Anti-N4BP1 antibody (ab106649) at 1 µg/ml

Lane 1 : Jurkat (human T cell leukemia cell line from peripheral blood) whole cell lysate

Lane 2 : K562 (human chronic myelogenous leukemia cell line from bone marrow) whole cell lysate

Lysates/proteins at 15 µg per lane.

Secondary

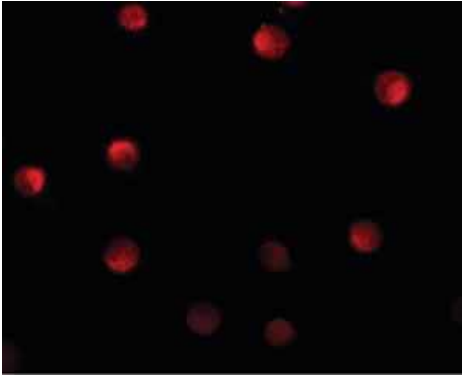
All lanes : Goat Anti-Rabbit IgG (HRP) at 1/10000 dilution

Predicted band size: 100 kDa

Exposure time: 30 seconds

Primary incubation for 1 hour at room temperature in 5%

NFDM/TBST.



Immunocytochemistry - Anti-N4BP1 antibody
(ab106649)

Immunofluorescence of N4BP1 in HeLa cells with ab106649 at 20 ug/mL.



Immunocytochemistry - Anti-N4BP1 antibody
(ab106649)

Immunocytochemistry of N4BP1 in HeLa cells with ab106649 at 10 ug/mL.

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

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