

Anti-RanBP1 antibody ab2937

3 References **2 图像**

概述

产品名称	Anti-RanBP1抗体
描述	兔多克隆抗体to RanBP1
宿主	Rabbit
经测试应用	适用于: ICC/IF, WB
种属反应性	与反应: Mouse, Human 预测可用于: Cow 
免疫原	Synthetic peptide corresponding to Human RanBP1 aa 1-18. Sequence: MAAAKDTHEDHDTSTENT (Peptide available as ab4938) <div>  Run BLAST with  Run BLAST with </div>
阳性对照	WB: HeLa, Human brain tissue and NIH-3T3 cell lysate. ICC/IF: 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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 99% 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ab2937于以下的经测试应用

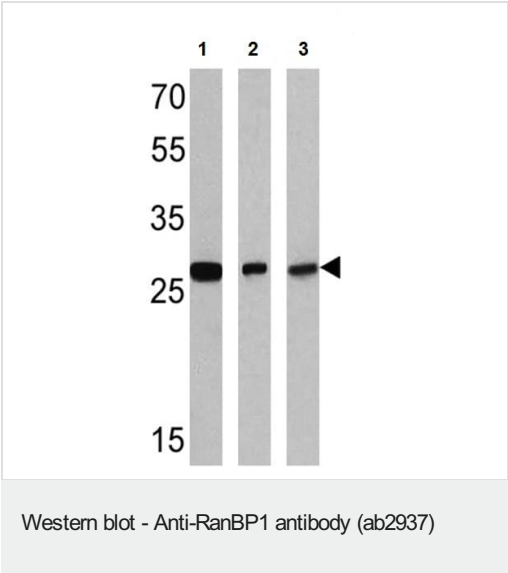
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		Use a concentration of 2 µg/ml.
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 30 kDa (predicted molecular weight: 24 kDa).

靶标

功能	Inhibits GTP exchange on Ran. Forms a Ran-GTP-RANBP1 trimeric complex. Increase GTP hydrolysis induced by the Ran GTPase activating protein RANGAP1. May act in an intracellular signaling pathway which may control the progression through the cell cycle by regulating the transport of protein and nucleic acids across the nuclear membrane.
序列相似性	Belongs to the RANBP1 family. Contains 1 RanBD1 domain.

图片



All lanes : Anti-RanBP1 antibody (ab2937) at 1/1000 dilution

- Lane 1 : HeLa cell lysate
- Lane 2 : Human brain tissue lysate
- Lane 3 : NIH-3T3 cell lysate

Lysates/proteins at 25 µg per lane.

Secondary

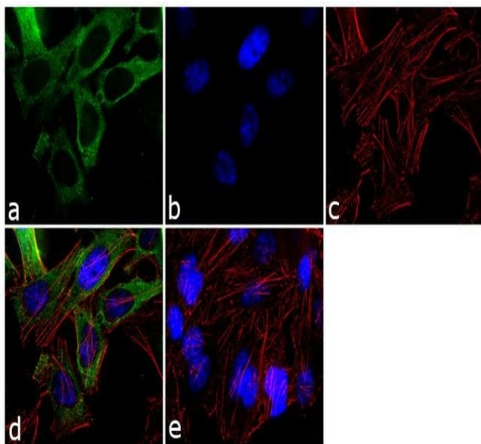
All lanes : HRP conjugated anti-rabbit

Developed using the ECL technique.

Predicted band size: 24 kDa

Observed band size: 27 kDa

Exposure time: 1 minute



Immunocytochemistry/ Immunofluorescence - Anti-RanBP1 antibody (ab2937)

Immunocytochemistry analysis of HeLa cells labeling RanBP1 with ab2937 at 2 µg/mL. Cells were fixed in 4% Paraformaldehyde, permeabilized with 0.1% Triton™ X-100 for 10 minutes and blocked with 1% BSA for 1 hour at RT. Cells were incubated for 3 hours at RT and then labeled with Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate at 1:2000 dilution for 45 minutes at RT (Panel A: green). Nuclei (Panel B: blue) were stained with DAPI. F-actin (Panel C: red) was stained with Alexa Fluor® 555 Rhodamine Phalloidin at 1:300 dilution. Panel D is a merged image showing cytoplasmic localization. Panel E shows no primary antibody control. The images were captured at 60X magnification.

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

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