

Anti-RING2 / RING1B / RNF2 antibody ab3832

★★★★★ [2 Abreviews](#) [25 References](#) [1 图像](#)

概述

| | |
|--------------------|---|
| 产品名称 | Anti-RING2 / RING1B / RNF2抗体 |
| 描述 | 山羊多克隆抗体to RING2 / RING1B / RNF2 |
| 宿主 | Goat |
| 特异性 | This antibody recognises a band at just above the expected size of 37kD. |
| 经测试应用 | 适用于: WB |
| 种属反应性 | 与反应: Mouse, Human, Chinese hamster |
| 免疫原 | Synthetic peptide: EAGPSNKRTKTSDC , corresponding to amino acids 189-201 of Human RING1B. Run BLAST with Run BLAST with |
| 常规说明 | <p>RING1B interacts with CP2, a mammalian member of the grainyhead-like family of transcription factors, in vitro and in vivo. The functional consequence of this interaction is repression of CP2-dependent transcription.</p> <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: 0.01% Sodium azide Constituents: 0.42% Potassium phosphate, 0.87% Sodium chloride |
| 纯度 | Immunogen affinity purified |
| Primary antibody说明 | RING1B interacts with CP2, a mammalian member of the grainyhead-like family of transcription factors, in vitro and in vivo. The functional consequence of this interaction is repression of CP2- |

dependent transcription.

克隆 多克隆
同种型 IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab3832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 |
|----|-----------|---|
| WB | ★★★★★ (1) | Use at an assay dependent concentration. Detects a band of approximately 43 kDa (predicted molecular weight: 37.6 kDa). |

靶标

功能 E3 ubiquitin-protein ligase that mediates monoubiquitination of 'Lys-119' of histone H2A, thereby playing a central role in histone code and gene regulation. H2A 'Lys-119' ubiquitination gives a specific tag for epigenetic transcriptional repression and participates in X chromosome inactivation of female mammals. May be involved in the initiation of both imprinted and random X inactivation. Essential component of the Polycomb group (PcG) multiprotein PRC1 complex, a complex required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex act via chromatin remodeling and modification of histones, rendering chromatin heritably changed in its expressibility. E3 ubiquitin-protein ligase activity is enhanced by BMI1/PCGF4. Acts as the main E3 ubiquitin ligase on histone H2A of the PRC1 complex, while RING1 may rather act as a modulator of RNF2/RING2 activity.

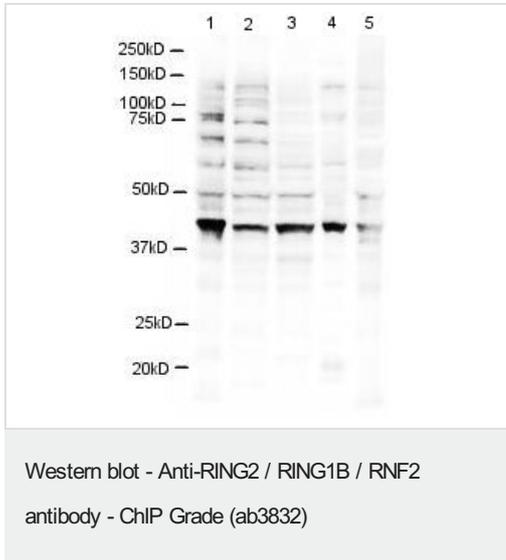
通路 Protein modification; protein ubiquitination.

序列相似性 Contains 1 RING-type zinc finger.

翻译后修饰 Polyubiquitinated in the presence of UBE2D3 (in vitro).
Monoubiquitinated, by auto-ubiquitination.

细胞定位 Nucleus. Chromosome. Enriched on inactive X chromosome (Xi) in female trophoblast stem (TS) cells as well as differentiating embryonic stem (ES) cells. The enrichment on Xi is transient during TS and ES cell differentiation. The association with Xi is mitotically stable in non-differentiated TS cells.

图片



Western blot using ab3832 at 1/500. Lysates at 20µg/lane.

- Lane 1: 3T3 cell lysate
- Lane 2: U937 cell lysate
- Lane 3: Jurkat cell lysate
- Lane 4: Mouse brain lysate
- Lane 5: CHO-K1 cell lysate

Secondary ab: rabbit polyclonal to goat IgG **ab6741** 1/5000
Exposure time: 3 minutes

Western blot using ab3832 at 1/500. Lysates at 20µg/lane.

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