

Anti-RING2 / RING1B / RNF2 antibody ab3832

★★★★★ [2 Abreviews](#) [25 References](#) [画像数 1](#)

製品の概要

製品名	Anti-RING2 / RING1B / RNF2 antibody
製品の詳細	Goat polyclonal to RING2 / RING1B / RNF2
由来種	Goat
特異性	This antibody recognises a band at just above the expected size of 37kD.
アプリケーション	適用あり: WB
種交差性	交差種: 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
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	Preservative: 0.01% Sodium azide Constituents: 0.42% Potassium phosphate, 0.87% Sodium chloride
精製度	Immunogen affinity purified
一次抗体 備考	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-

ポリ/モノ
アイソタイプ

dependent transcription.
ポリクローナル
IgG

アプリケーション

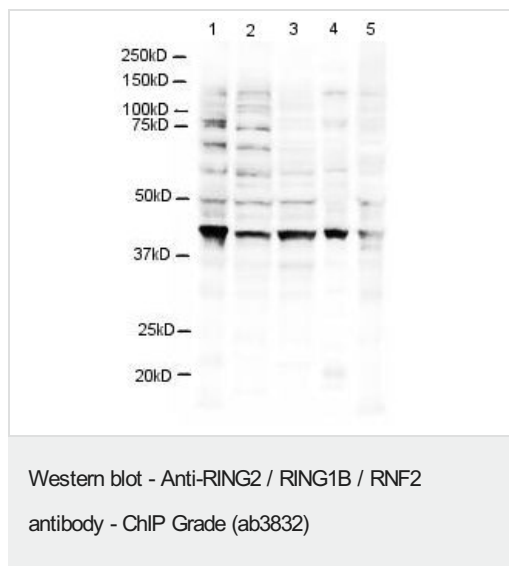
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab3832の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	Use at an assay dependent concentration. Detects a band of approximately 43 kDa (predicted molecular weight: 37.6 kDa).

ターゲット情報

機能	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.
パスウェイ	Protein modification; protein ubiquitination.
配列類似性	Contains 1 RING-type zinc finger.
翻訳後修飾	Polyubiquitinated in the presence of UBE2D3 (in vitro). Monoubiquitinated, by auto-ubiquitination.
細胞内局在	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.

画像



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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