

Recombinant Human RING1 protein ab112348

画像数 1

製品の詳細

製品名	Recombinant Human RING1 protein
生理活性	useful for Antibody Production and Protein Array
発現系	Wheat germ
アクセッション番号	<u>Q06587</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MDGTEIAVSPRSLHSELMCPICLDMLKNTMTTKECLHRFCSD CIVTALRS GNKECPTCRKKLVSKRSLRPDPNFDALISKIYPSREEYEAHQ DRVLIRLS RLHNQQALSSSIEEGLRMQAMHRAQRVRRPIPGSDQTTTMSG GEGEPGEG EGDGEDVSSDSAPDSAPGPAPKRPRGGGAGGSSVGTGGGGTG GVGGGAGS EDSGDRGGTLGGGTLGPPSPPGAPSPPEPGGEIELVFRPHPL LVEKGEYC QTRYVKTGNATVDHLSKYLALRIALERRQQEAGEPGGPGG GASDTGGP DGC GGEGGGAGGGDGPEEPALPSLEGVSEKQYTIYIAPGGGA FTTLNGSL TLELVNEKFWKYSRPLELCYAPTKDPK
予測される分子量	67 kDa including tags
領域	1 to 377
タグ	GST tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab112348** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	SDS-PAGE
	Western blot

ELISA

製品の状態

Liquid

備考

useful for Antibody Production and Protein Array

前処理および保存

保存方法および安定性

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

Glutathione is reduced

関連情報

機能

Constitutes one of the E3 ubiquitin-protein ligases that mediate 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. 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. Compared to RNF2/RING2, it does not have the main E3 ubiquitin ligase activity on histone H2A, and it may rather act as a modulator of RNF2/RING2 activity.

パスウェイ

Protein modification; protein ubiquitination.

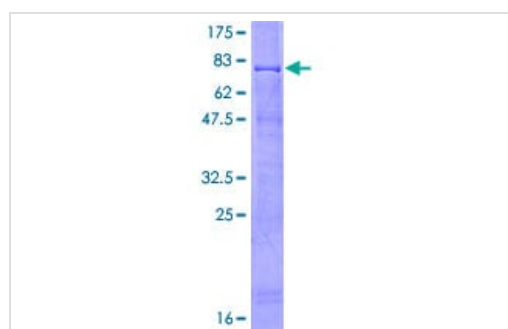
配列類似性

Contains 1 RING-type zinc finger.

細胞内局在

Nucleus speckle.

画像



12.5% SDS-PAGE showing ab112348 at approximately 67.47kDa stained with Coomassie Blue.

SDS-PAGE - Recombinant Human RING1 protein
(ab112348)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors