

Product datasheet

Anti-RING1 antibody ab76985

3 图像

概述

产品名称	Anti-RING1抗体
描述	小鼠单克隆抗体to RING1
宿主	Mouse
经测试应用	适用于: WB, ELISA
种属反应性	与反应: Human
免疫原	Recombinant fragment: NKECPTCRKK LVSKRSLRPD PNFDALISKI YPSREEYEAH QDRVLIRLSR LHNQQALSSS IEEGLRMQAM HRAQRVRRPI PGSDQTTTMS, corresponding to amino acids 81-170 of human RING1 (NP_002922) with a 26 kDa tag Run BLAST with ExPASy Run BLAST with NCBI
阳性对照	H9c2(2-1) cell lysate; RIN-m5F cell lysate; immunogen.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None Constituents: PBS, pH 7.2
纯度	Protein A purified
克隆	单克隆
同种型	IgG2b
轻链类型	kappa

应用

Our [Abpromise guarantee](#) covers the use of **ab76985** in the following tested applications.

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

应用	Ab评论	说明
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 42 kDa.

应用	Ab评论	说明
ELISA		Use at an assay dependent dilution.

靶标

功能

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.

通路

Protein modification; protein ubiquitination.

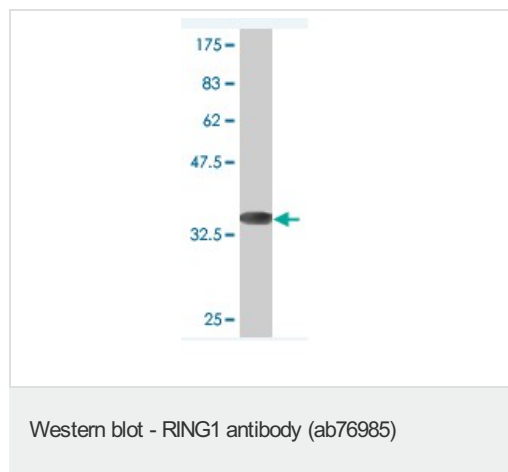
序列相似性

Contains 1 RING-type zinc finger.

细胞定位

Nucleus speckle.

图片



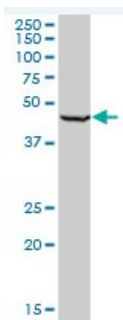
Anti-RING1 antibody (ab76985) at 5 µg/ml + immunogen at 0.2 µg

Secondary

Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/5000 dilution

Predicted band size: 42 kDa

Observed band size: 35 kDa



Western blot - RING1 antibody (ab76985)

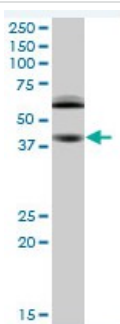
Anti-RING1 antibody (ab76985) at 5 µg/ml +
H9c2(2-1) cell lysate at 25 µg

Secondary

Goat Anti-Mouse IgG (H&L)-HRP Conjugate at
1/2500 dilution

Predicted band size: 42 kDa

Observed band size: 42 kDa



Western blot - RING1 antibody (ab76985)

Anti-RING1 antibody (ab76985) at 5 µg/ml +
RIN-m5F cell lysate at 25 µg

Secondary

Goat Anti-Mouse IgG (H&L)-HRP Conjugate at
1/2500 dilution

Predicted band size: 42 kDa

Observed band size: 42 kDa

Additional bands at: 60 kDa. We are unsure
as to the identity of these extra bands.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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