

Product datasheet

Anti-RNF31/HOIP antibody - ChIP Grade ab46322

★★★★☆ 5 Abreviews 9 References 画像数 3

製品の概要

製品名	Anti-RNF31/HOIP antibody - ChIP Grade
製品の詳細	Rabbit polyclonal to RNF31/HOIP - ChIP Grade
由来種	Rabbit
アプリケーション	適用あり: ICC/IF, WB, ChIP
種交差性	交差種: Mouse, Human
免疫原	Synthetic peptide conjugated to KLH derived from within residues 1050 to the C-terminus of Human RNF31/HOIP. Immunogen の所有権に関して (Peptide available as ab46321 .)
ポジティブ・コントロール	ab46322 gave a positive signal in Jurkat Whole Cell Lysate.

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: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

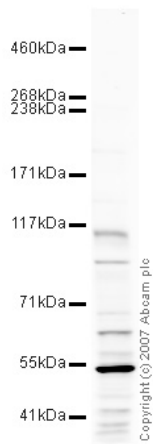
アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab46322** 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	Abreviews	特記事項
ICC/IF		
WB	★★★★☆	

アプリケーション	Abreviews	特記事項
ChIP		
追加情報	<p>ChIP: Use at an assay dependent dilution (PMID 19237537).</p> <p>ICC/IF: Use at a concentration of 1 µg/ml.</p> <p>WB: 1/250. Detects a band of approximately 116 kDa (predicted molecular weight: 119 kDa).</p> <p>Not yet tested in other applications.</p> <p>Optimal dilutions/concentrations should be determined by the end user.</p>	
ターゲット情報		
機能	<p>E3 ubiquitin-protein ligase component of the LUBAC complex which conjugates linear polyubiquitin chains in a head-to-tail manner to substrates and plays a key role in NF-kappa-B activation and regulation of inflammation. LUBAC conjugates linear polyubiquitin to IKBKG and RIPK1 and is involved in activation of the canonical NF-kappa-B and the JNK signaling pathways. Linear ubiquitination mediated by the LUBAC complex interferes with TNF-induced cell death and thereby prevents inflammation. LUBAC is proposed to be recruited to the TNF-R1 signaling complex (TNF-RSC) following polyubiquitination of TNF-RSC components by BIRC2 and/or BIRC3 and to conjugate linear polyubiquitin to IKBKG and possibly other components contributing to the stability of the complex. Binds polyubiquitin of different linkage types.</p>	
組織特異性	<p>Expressed in both normal and transformed breast epithelial cell lines.</p>	
配列類似性	<p>Contains 2 IBR-type zinc fingers.</p> <p>Contains 3 RanBP2-type zinc fingers.</p> <p>Contains 1 RING-type zinc finger.</p> <p>Contains 1 UBA domain.</p>	
ドメイン	<p>The RanBP2-type zinc fingers mediate the specific interaction with ubiquitin.</p>	
細胞内局在	<p>Cytoplasm.</p>	
画像		



Western blot - Anti-RNF31/HOIP antibody - ChIP Grade (ab46322)

Anti-RNF31/HOIP antibody - ChIP Grade (ab46322) at 1/250 dilution + Jurkat (Human T cell lymphoblast-like cell line) Whole Cell Lysate at 10 µg

Secondary

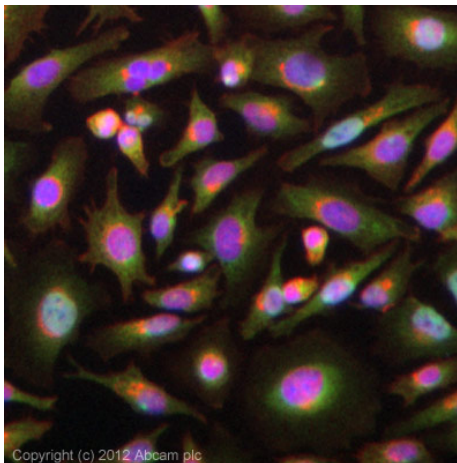
IRDye 680 Conjugated Goat Anti-Rabbit IgG (H+L) at 1/10000 dilution

Performed under reducing conditions.

Predicted band size: 119 kDa

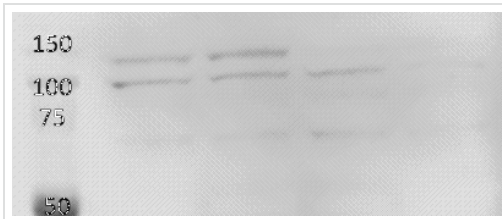
Observed band size: 116 kDa

Additional bands at: 105 kDa (possible isoform), 50 kDa (possible isoform), 60 kDa. We are unsure as to the identity of these extra bands.



Immunocytochemistry/ Immunofluorescence - Anti-RNF31/HOIP antibody - ChIP Grade (ab46322)

ICC/IF image of ab46322 stained HeLa cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab46322, 5µg/ml) overnight at +4°C. The secondary antibody (green) was [ab96899](#), DyLight® 488 goat anti-rabbit IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM. This antibody also gave a positive result in 4% formaldehyde fixed (10 min) Hek293 cells at 5µg/ml.



Western blot - Anti-RNF31/HOIP antibody - CHIP
Grade (ab46322)

This image is courtesy of an anonymous Abreview

Western blot analysis of A549 cell lysate (100µg/lane) RNF31/HOIP with ab46322 at 1/1000. A HRP-conjugated Goat anti-rabbit polyclonal (1/10000) was used as the secondary antibody.

lane 1-2 : siCT A549

lane 3-4 : siHOIP A549

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