


Product datasheet

Anti-ROC1 antibody, prediluted ab15517

画像数 2

製品の概要

製品名	Anti-ROC1 antibody, prediluted
製品の詳細	Rabbit polyclonal to ROC1, prediluted
由来種	Rabbit
アプリケーション	適用あり: IHC-P
種交差性	交差種: Human 交差が予測される動物種: Mouse 
免疫原	A synthetic peptide derived from the C terminus of human ROC1. (unfortunately, the amino acid sequence is considered to be commercially sensitive)
ポジティブ・コントロール	Hela cells. Tonsil.

製品の特性

製品の状態	Prediluted
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	Preservative: 0.1% Sodium Azide Constituents: 1% BSA, 50mM Tris, pH 7.6
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 **ab15517** 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
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IHC-P

追加情報

IHC-P: Ready to use for 10 min at room temperature.
Staining of formalin fixed tissues requires boiling tissue sections in 10mM

citrate buffer, pH 6.0 for 10 min followed by cooling at room temperature for 20 min.

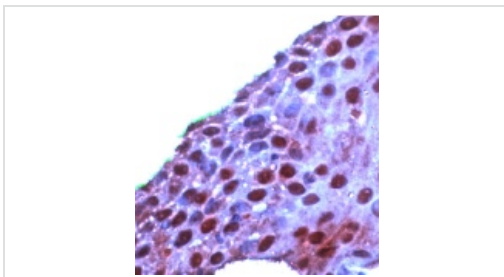
Not tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

ターゲット情報

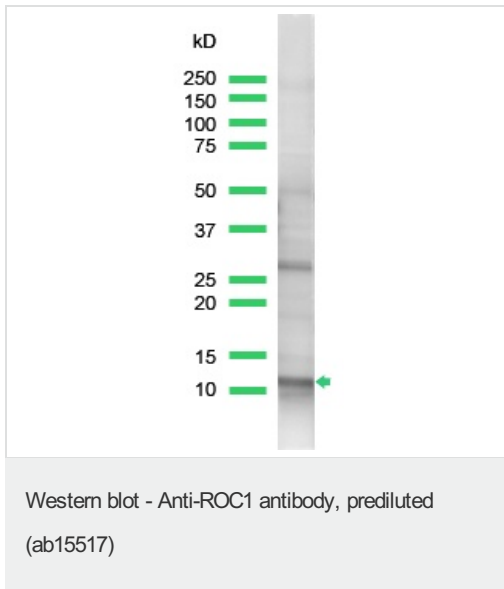
機能	E3 ubiquitin ligase component of multiple cullin-RING-based E3 ubiquitin-protein ligase complexes which mediate the ubiquitination and subsequent proteasomal degradation of target proteins, including proteins involved in cell cycle progression, signal transduction, transcription and transcription-coupled nucleotide excision repair. The functional specificity of the E3 ubiquitin-protein ligase complexes depends on the variable substrate recognition components. As a component of the CSA complex promotes the ubiquitination of ERCC6 resulting in proteasomal degradation. Through the RING-type zinc finger, seems to recruit the E2 ubiquitination enzyme, like CDC34, to the complex and brings it into close proximity to the substrate. Probably also stimulates CDC34 autoubiquitination. May be required for histone H3 and histone H4 ubiquitination in response to ultraviolet and for subsequent DNA repair. Promotes the neddylation of CUL1, CUL2, CUL4 and CUL4 via its interaction with UBE2M.
組織特異性	Widely expressed.
パスウェイ	Protein modification; protein ubiquitination.
配列類似性	Belongs to the RING-box family. Contains 1 RING-type zinc finger.
ドメイン	The RING-type zinc finger domain is essential for ubiquitin ligase activity. It coordinates an additional third zinc ion.
細胞内局在	Cytoplasm. Nucleus.

画像



ab15517 staining ROC1 in human tonsil by Immunohistochemistry (FFPE-sections).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ROC1 antibody, prediluted (ab15517)



Anti-ROC1 antibody ([ab2977](#)) at 1/25 dilution
+ HeLa cell lysate

Observed band size: 13 kDa

[ab2977](#) is the undiluted form of this antibody.

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