


### Anti-RBX1 antibody [EPR6849(B)] ab124950

リコンビナント RabMAb

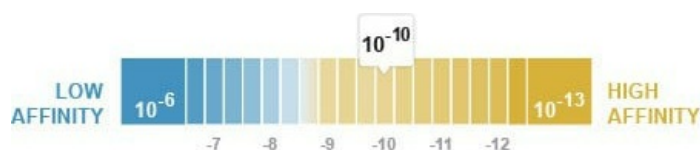
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#### 製品の概要

製品名	Anti-RBX1 antibody [EPR6849(B)]
製品の詳細	Rabbit monoclonal [EPR6849(B)] to RBX1
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB <b>適用なし:</b> Flow Cyt, ICC/IF or IHC-P
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mouse  <b>非交差種:</b> Rat
免疫原	Synthetic peptide within Human RBX1 (N terminal). The exact sequence is proprietary.
ポジティブ・コントロール	HepG2, Jurkat and HeLa cell lysates
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> For more information <a href="#">see here</a> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解離定数 (K <sub>D</sub> 値)	K <sub>D</sub> = 1.10 x 10 <sup>-10</sup> M



[Learn more about K<sub>D</sub>](#)

バッファー	pH: 7.20 Preservative: 0.01% Sodium azide
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	Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR6849(B)
アイソタイプ	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ab124950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。

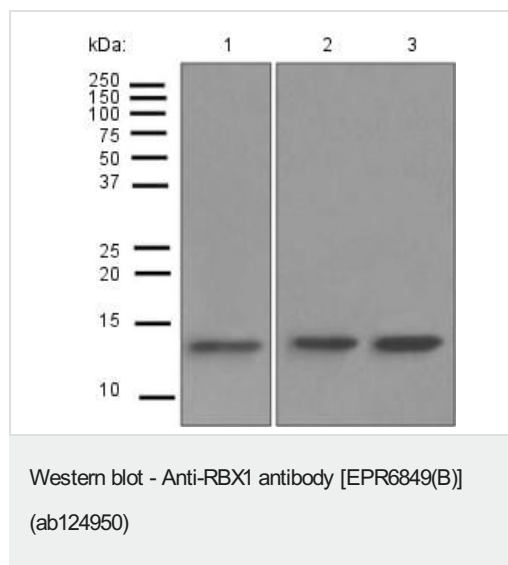
アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Detects a band of approximately 13 kDa (predicted molecular weight: 12 kDa).

**追加情報**      Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

## 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



**All lanes :** Anti-RBX1 antibody [EPR6849(B)] (ab124950) at 1/1000 dilution

**Lane 1 :** HepG2 cell lysate

**Lane 2 :** Jurkat cell lysate

**Lane 3 :** HeLa cell lysate

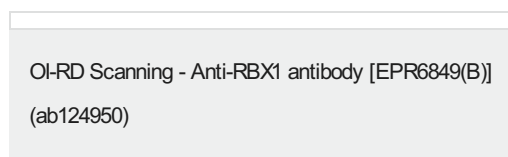
Lysates/proteins at 10 µg per lane.

#### Secondary

**All lanes :** standard HRP labelled goat anti-rabbit at 1/2000 dilution

**Predicted band size:** 12 kDa

**Observed band size:** 13 kDa



Equilibrium disassociation constant ( $K_D$ )

Learn more about  $K_D$

[Click here to learn more about  \$K\_D\$](#)

Why choose a recombinant antibody?

**Research with confidence**  
Consistent and reproducible results

**Long-term and scalable supply**  
Recombinant technology

**Success from the first experiment**  
Confirmed specificity

**Ethical standards compliant**  
Animal-free production

Anti-RBX1 antibody [EPR6849(B)] (ab124950)

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

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