

### Anti-Borealin/CDCA8 antibody ab74473

★★★★★ [1 Abreviews](#) [1 References](#) [画像数 2](#)

#### 製品の概要

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製品名	Anti-Borealin/CDCA8 antibody
製品の詳細	Rabbit polyclonal to Borealin/CDCA8
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, ICC/IF
種交差性	<b>交差種:</b> Rat
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	Rat kidney tissue lysate
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 製品の特性

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製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
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

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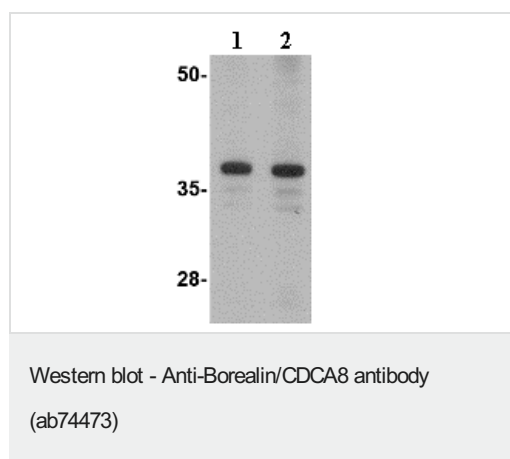
**The Abpromise guarantee**      **Abpromise保証は、**次のテスト済みアプリケーションにおけるab74473の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	Use a concentration of 1 µg/ml. Detects a band of approximately 38 kDa (predicted molecular weight: 31 kDa).
ICC/IF		Use at an assay dependent concentration.

## ターゲット情報

<b>機能</b>	Component of the chromosomal passenger complex (CPC), a complex that acts as a key regulator of mitosis. The CPC complex has essential functions at the centromere in ensuring correct chromosome alignment and segregation and is required for chromatin-induced microtubule stabilization and spindle assembly. In the complex, it may be required to direct the CPC to centromeric DNA. Major effector of the TTK kinase in the control of attachment-error-correction and chromosome alignment.
<b>配列類似性</b>	Belongs to the borealin family.
<b>発生段階</b>	Cell-cycle regulated. Increases during G2/M phase and then reduces after exit from M phase.
<b>ドメイン</b>	The C-terminal region (aa 207-280) represents the dimerization motif.
<b>翻訳後修飾</b>	Phosphorylated by TTK, essentially at Thr-88, Thr94, Thr-169 and Thr-230. Sumoylated by UBE2I and RANBP2. Desumoylated by SENP3 through the removal of SUMO2 and SUMO3.
<b>細胞内局在</b>	Nucleus > nucleolus. Cytoplasm. Cytoplasm > cytoskeleton > spindle. Chromosome > centromere. Localizes on chromosome arms and inner centromeres from prophase through metaphase and then transferring to the spindle midzone and midbody from anaphase through cytokinesis. Colocalizes with SENP3 in the nucleolus in interphase cells.

## 画像



**Lane 1** : Anti-Borealin/CDCA8 antibody (ab74473) at 1 µg/ml

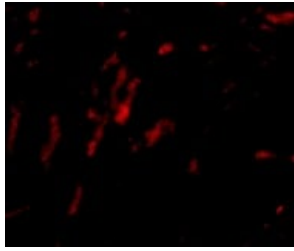
**Lane 2** : Anti-Borealin/CDCA8 antibody (ab74473) at 2 µg/ml

**All lanes** : Rat kidney lysate

Lysates/proteins at 15 µg per lane.

**Predicted band size:** 31 kDa

**Observed band size:** 38 kDa



Immunofluorescence of CDCA8 in Rat Kidney cells using ab74473 at 20 ug/ml.

Immunocytochemistry/ Immunofluorescence - Anti-Borealine/CDCA8 antibody (ab74473)

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

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