

### Biotin Anti-RFP antibody ab34771

★★★★★ [5 Abreviews](#) [86 References](#) [画像数 2](#)

#### 製品の概要

製品名	Biotin Anti-RFP antibody
製品の詳細	Biotin Rabbit polyclonal to RFP
由来種	Rabbit
標識	Biotin
特異性	ab34771 recognises RFP. The antibody is predicted to react with all RFP variants from Discosoma (including DsRed, TdTomato, mOrange etc.) based on sequence homology and polyclonality of the antibody. However, such crossreactivity has not been QC tested.
アプリケーション	<b>適用あり:</b> WB
免疫原	Fusion protein corresponding to RFP. Red Fluorescent Protein (RFP) fusion protein corresponding to the full length amino acid sequence (234aa) derived from the mushroom polyp coral Discosoma.
特記事項	<p>Biotin/Protein Ratio: 10-20 BAC molecules per IgG molecule Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC)</p> <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

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	<p>pH: 6.50</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 1% BSA, 0.42% Tripotassium orthophosphate, 0.87% Sodium chloride</p>
精製度	Immunogen affinity purified
特記事項 (精製)	This product was prepared from monospecific antiserum by immunoaffinity chromatography using

Red Fluorescent Protein (Discosoma) coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. No reaction was observed against Human, Mouse or Rat serum proteins. ELISA was used to confirm specificity at less than 0.1% of target signal.

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

**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ab34771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確認ください。

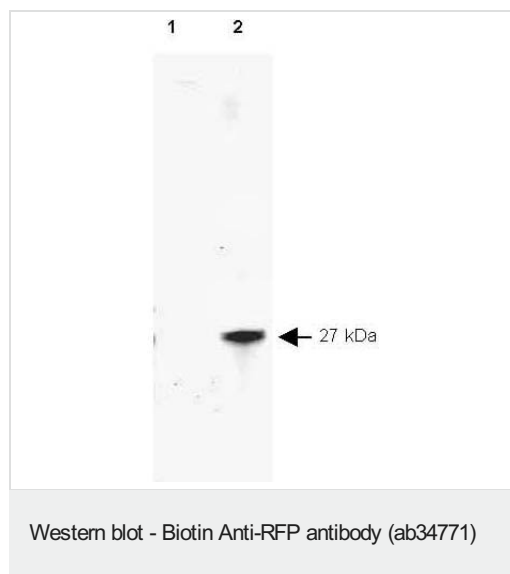
アプリケーション	Abreviews	特記事項
WB		1/2000 - 1/10000. Detects a band of approximately 27 kDa.

## ターゲット情報

### 関連性

Fluorescent proteins have become a useful and ubiquitous tool for making chimeric proteins, where they function as a fluorescent protein tag. Typically they tolerate N- and C-terminal fusion to a broad variety of proteins. They have been expressed in most known cell types and are used as a noninvasive fluorescent marker in living cells and organisms. They enable a wide range of applications where they have functioned as a cell lineage tracer, reporter of gene expression, or as a measure of protein-protein interactions.

## 画像



**All lanes :** Biotin Anti-RFP antibody (ab34771) at 1/2500 dilution

**Lane 1 :** 10 µg of HeLa cell extract containing GFP recombinant protein

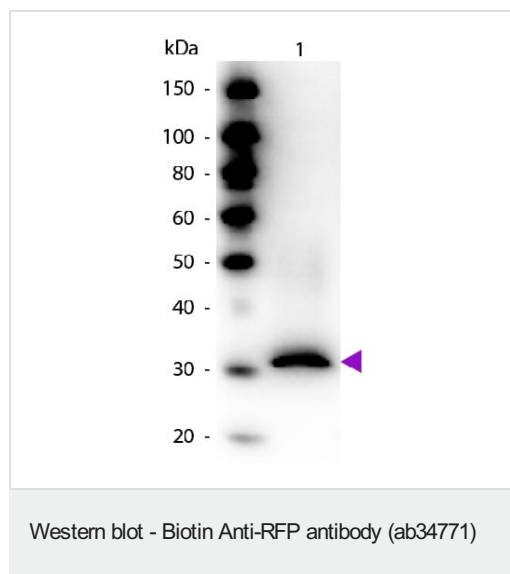
**Lane 2 :** 10 µg of a HeLa lysate containing RFP recombinant protein.

### Secondary

**All lanes :** IRDye™800 conjugated Goat anti-Rabbit IgG at 1/5000 dilution

**Observed band size:** 27 kDa

IRDye™800 fluorescence image was captured using the Odyssey®  
Infrared Imaging System developed by LI-COR.



Biotin Anti-RFP antibody (ab34771) at 1/1000 dilution

### Secondary

Peroxidase streptavidin secondary antibody at 1/40000 dilution

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

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