

Anti-Arp5 antibody ab12099

KO 評価済

★★★★☆ [2 Abreviews](#) [9 References](#) [画像数 2](#)

製品の概要

製品名	Anti-Arp5 antibody
製品の詳細	Rabbit polyclonal to Arp5
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: <i>Saccharomyces cerevisiae</i>
免疫原	Recombinant full length protein corresponding to Arp5.
ポジティブ・コントロール	<i>S. cerevisiae</i> 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&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). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p> <p>Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.</p>
精製度	Protein A 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

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ab12099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。

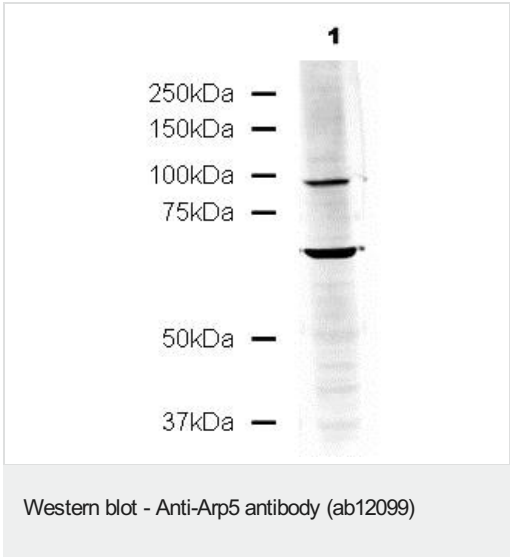
アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	Use a concentration of 1 µg/ml. Detects a band of approximately 87 kDa (predicted molecular weight: 87 kDa).

ターゲット情報

関連性 The budding yeast INO80 complex is a conserved ATP-dependent nucleosome remodeler containing actin-related proteins Arp5 and Arp8. Strains lacking INO80, ARP5, or ARP8 have defects in transcription. Ino80, Arp5, and Arp8 are recruited to an HO-induced DSB, where a phosphorylated form of H2A accumulates. Recruitment of Ino80 is compromised in cells lacking the H2A phosphoacceptor S129. INO80-mediated chromatin remodeling seems to occur directly at DSBs, where it appears to facilitate processing of the lesion.

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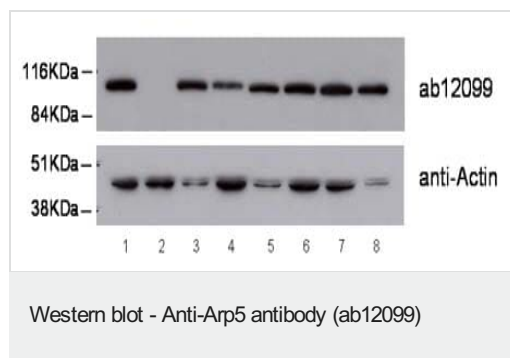
画像



Anti-Arp5 antibody (ab12099) + S.cerevisiae lysate

Secondary
Alexa Fluor Goat polyclonal to Rabbit IgG at 1/10000 dilution

Predicted band size: 87 kDa
Observed band size: 90 kDa
Additional bands at: 70 kDa (possible cross reactivity)



All lanes : Anti-Arp5 antibody (ab12099) at 0.36 µg/ml

Lane 1 : *S. cerevisiae* whole cell lysate (wild type)

Lane 2 : *S. cerevisiae* whole cell lysate (arp5 knockout)

Lane 3 : *S. cerevisiae* whole cell lysate (arp8 knockout)

Lane 4 : *S. cerevisiae* whole cell lysate (ino80 knockout)

Lane 5 : *S. cerevisiae* whole cell lysate (anc1 knockout)

Lane 6 : *S. cerevisiae* whole cell lysate (nhp10 knockout)

Lane 7 : *S. cerevisiae* whole cell lysate (wild type, treated with MMS)

Lane 8 : *S. cerevisiae* whole cell lysate (arp8 knockout, treated with MMS)

Predicted band size: 87 kDa

Observed band size: 100 kDa

Using ab12099, bands were present in all *S. cerevisiae* strains tested except for an arp5 knockout strain. This provides conclusive evidence that the ab12099 recognises Arp5.

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

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