

Anti-GAL4 antibody ab1396

[2 Abreviews](#) [10 References](#) [2 图像](#)

概述

| | |
|--------------|---|
| 产品名称 | Anti-GAL4抗体 |
| 描述 | 兔多克隆抗体to GAL4 |
| 宿主 | Rabbit |
| 特异性 | Customers feedbacks suggests that this antibody would not provide satisfactory results in <i>Drosophila melanogaster</i> . |
| 经测试应用 | 适用于: WB |
| 种属反应性 | 与反应: <i>Saccharomyces cerevisiae</i> 不与反应: <i>Drosophila melanogaster</i> |
| 免疫原 | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. |
| 阳性对照 | This antibody gave a positive signal with GAL4-VP16 recombinant protein. |
| 常规说明 | <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> |

性能

| | |
|-------------|---|
| 形式 | Liquid |
| 存放说明 | 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. |
| 存储溶液 | pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS |
| 纯度 | 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. Immunogen affinity purified |

克隆 多克隆
同种型 IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab1396于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

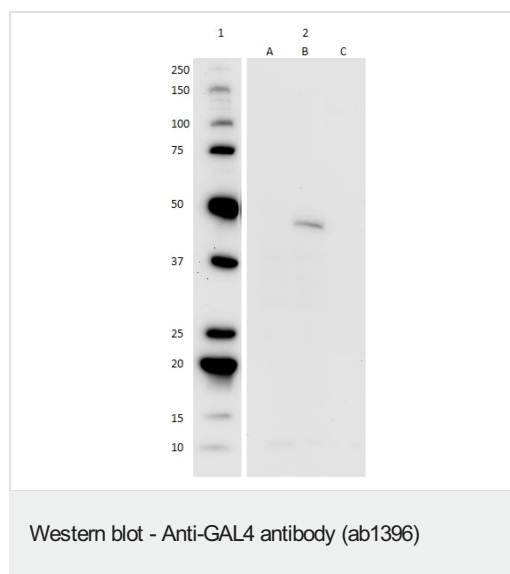
| 应用 | Ab评论 | 说明 |
|----|------|---|
| WB | | Use a concentration of 1 µg/ml. Predicted molecular weight: 99 kDa. |

靶标

相关性 Function: This protein is a positive regulator for the gene expression of the galactose-induced genes such as GAL1, GAL2, GAL7, GAL10, and MEL1 which encode for the enzymes used to convert galactose to glucose. It recognizes a 17 base pair sequence in (5'-CGGRNNRCYNYNCNCCG-3') the upstream activating sequence (UAS-G) of these genes. Subunit structure: Binds DNA as a homodimer. Interacts directly with the mediator subunits GAL11/MED15 and SRB4/MED17. Domain: The 9aaTAD motif (residues 862 to 870) is a transactivation domain present in a large number of yeast and animal transcription factors. Post-translational modification: Association between GAL11 and GAL4 may serve to expedite phosphorylation of GAL4.

细胞定位 Nuclear

图片



Anti-GAL4 (ab1396) antibody at 1ug/ml.

Lane 1: Marker.

Lane 2A: Whole cell yeast lysate control from untransformed SEY6210 pep4-3 strain (a kind gift from Prof. Tom Stevens from University of Oregon).

Lane 2B: Whole cell yeast lysate from SEY6210 pep4-3 strain transformed with pJK22-pGBDU plasmid containing GAL4 DNA Binding domain fused to the VPS60 Gene (a kind gift from Prof. Tom Stevens from University of Oregon).

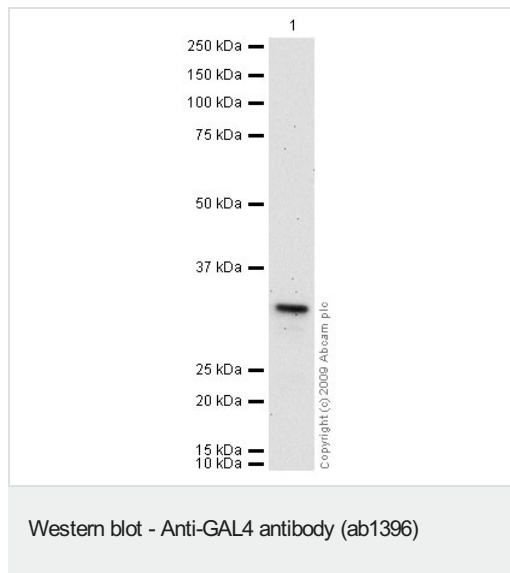
Lane 2C: Whole cell yeast lysate from SEY6210 pep4-3 strain transformed with pJk23-pGAD plasmid containing GAL4 Active Domain fused to the VPS60 Gene (a kind gift from Prof. Tom Stevens from University of Oregon).

Secondary: HRP conjugated Goat anti-Rabbit secondary antibody at 1/10000 dilution.

Predicted band size: 99 kDa

Additional bands: 56 kDa (possible isoform, Fusion Protein)

Developed using the ECL technique. Performed under reducing conditions with exposure time of 5 mins. The samples run on a 4-20% gradient gel. All blocking and antibody incubation steps done in 5% milk in 20mM Tris-HCl plus 0.1% TWEEN-20.



Anti-GAL4 antibody (ab1396) at 1 µg/ml + GAL4-VP16

Recombinant Protein at 0.1 µg

Secondary

Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Performed under reducing conditions.

Predicted band size: 99 kDa

Observed band size: 32 kDa

Exposure time: 2 minutes

ab1396 was tested against GAL4-VP16 Recombinant Protein predicted to run at 28 kDa.

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