

Anti-AMPK alpha 1 (phospho S496) antibody [EPR3051] ab92701

リコンビナント RabMAb

13 References [画像数 3](#)

製品の概要

製品名	Anti-AMPK alpha 1 (phospho S496) antibody [EPR3051]
製品の詳細	Rabbit monoclonal [EPR3051] to AMPK alpha 1 (phospho S496)
由来種	Rabbit
アプリケーション	適用あり: WB, ICC/IF 適用なし: Flow Cyt or IHC-P
種交差性	交差種: Human
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	293T cell lysate; HeLa cells
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

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.
バッファー	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 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	EPR3051
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ab92701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		
ICC/IF		

追加情報

ICC/IF: 1/100 - 1/250.
 IP: 1/10 - 1/100.
 WB: 1/1000 - 1/10000. Predicted molecular weight: 64 kDa.

Is unsuitable for Flow Cyt or IHC-P.

Not yet tested in other applications.
 Optimal dilutions/concentrations should be determined by the end user.

ターゲット情報

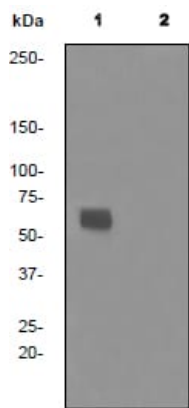
機能

Responsible for the regulation of fatty acid synthesis by phosphorylation of acetyl-CoA carboxylase. It also regulates cholesterol synthesis via phosphorylation and inactivation of hormone-sensitive lipase and hydroxymethylglutaryl-CoA reductase. Appears to act as a metabolic stress-sensing protein kinase switching off biosynthetic pathways when cellular ATP levels are depleted and when 5'-AMP rises in response to fuel limitation and/or hypoxia. This is a catalytic subunit.

配列類似性

Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. SNF1 subfamily. Contains 1 protein kinase domain.

画像



Western blot - Anti-AMPK alpha 1 (phospho S496) antibody [EPR3051] (ab92701)

All lanes : Anti-AMPK alpha 1 (phospho S496) antibody [EPR3051] (ab92701) at 1/1000 dilution

Lane 1 : 293T cell lysate untreated

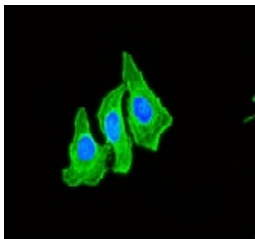
Lane 2 : 293T cell lysate treated with LP

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP-labeled goat anti-rabbit at 1/2000 dilution

Predicted band size: 64 kDa



Immunocytochemistry/ Immunofluorescence - Anti-AMPK alpha 1 (phospho S496) antibody [EPR3051] (ab92701)

Immunofluorescent staining of AMPK alpha 1 in HeLa cells using ab92701 at 1/100 dilution.

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-AMPK alpha 1 (phospho S496) antibody
[EPR3051] (ab92701)

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

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