

Anti-eIF4EBP1 (phospho T37) antibody [EPR729(2)Y] ab75767

重组 RabMAb

4 References 1 图像

概述

产品名称	Anti-eIF4EBP1 (phospho T37)抗体[EPR729(2)Y]
描述	兔单克隆抗体[EPR729(2)Y] to eIF4EBP1 (phospho T37)
宿主	Rabbit
特异性	Detects eIF4EBP1 only when phosphorylated at threonine 37.
经测试应用	适用于: WB 不适用于: Flow Cyt, ICC/IF, IHC-P or IP
种属反应性	与反应: Mouse, Human
免疫原	A phospho-peptide corresponding to residues surrounding threonine 37 of eIF4EBP1.
阳性对照	293 cells lysate.
常规说明	Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb[®] patents](#)

This product is a recombinant rabbit monoclonal antibody.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol, 0.05% BSA, 50% Tissue culture supernatant
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	EPR729(2)Y
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab75767** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
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WB 1/1000 - 1/2000. Predicted molecular weight: 13 kDa.

应用说明 Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

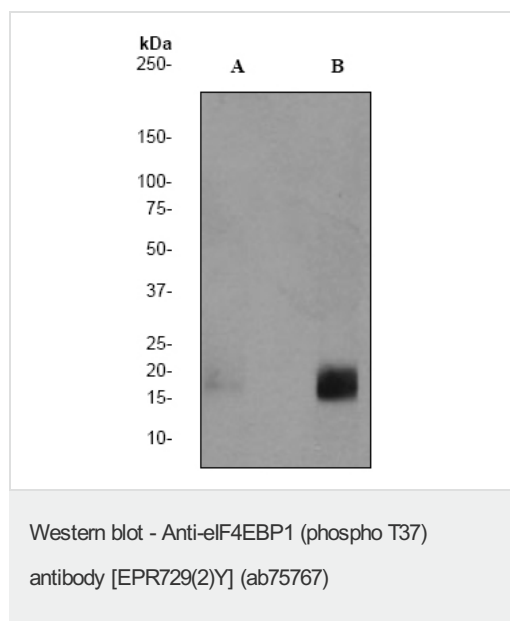
靶标

功能 Regulates eIF4E activity by preventing its assembly into the eIF4F complex. Mediates the regulation of protein translation by hormones, growth factors and other stimuli that signal through the MAP kinase and mTORC1 pathways.

序列相似性 Belongs to the eIF4E-binding protein family.

翻译后修饰 Phosphorylated on serine and threonine residues in response to insulin, EGF and PDGF. Phosphorylation at Thr-37, Thr-46, Ser-65 and Thr-70 is regulated by mTORC1. Phosphorylated upon DNA damage, probably by ATM or ATR.

图片



All lanes : Anti-eIF4EBP1 (phospho T37) antibody [EPR729(2)Y] (ab75767) at 1/2000 dilution

Lane 1 : 293 cell lysate, untreated

Lane 2 : 293 cell lysate, treated with insulin

Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 13 kDa

Observed band size: 17 kDa

[why is the actual band size different from the predicted?](#)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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