

Anti-GSK3 beta (phospho Y216) + GSK3 alpha (phospho Y279) antibody ab75745

★★★★★ [5 Abreviews](#) [153 References](#) [4 图像](#)

概述

产品名称	Anti-GSK3 beta (phospho Y216) + GSK3 alpha (phospho Y279)抗体
描述	兔多克隆抗体to GSK3 beta (phospho Y216) + GSK3 alpha (phospho Y279)
宿主	Rabbit
特异性	ab75745 detects endogenous levels of GSK3 beta only when phosphorylated at tyrosine 216 and GSK3 alpha when phosphorylated at tyrosine 276. This antibody can also cross-react with GSK3 alpha subunit due to the consistent antigen-sequence of "GEPNVSICSRYY".
经测试应用	适用于: ICC/IF, WB, IHC-P
种属反应性	与反应: Mouse, Rat, Human
免疫原	<p>This product was produced with the following immunogens:</p> <p>Synthetic peptide corresponding to Human GSK3 beta (phospho Y216).</p> <p>Synthetic peptide corresponding to Human GSK3 alpha (phospho Y279).</p> <p>Database link: P49840</p>

 [Run BLAST with](#)

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常规说明

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.

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

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	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 0.87% Sodium chloride, 50% Glycerol, PBS</p>

纯度	Without Mg ²⁺ and Ca ²⁺
纯化说明	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab75745 于以下的经测试应用

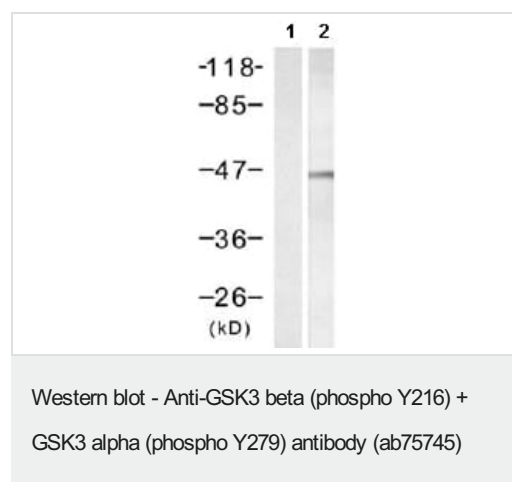
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab 评论	说明
ICC/IF		1/100 - 1/200.
WB	★★★★★ (4)	1/500 - 1/1000. Predicted molecular weight: 47 kDa. This antibody can be used with studies using ab110532 .
IHC-P		1/50 - 1/100.

靶标

细胞定位 GSK3 beta: Cytoplasm. Nucleus. Cell membrane. The phosphorylated form shows localization to cytoplasm and cell membrane. The MEMO1-RHOA-DIAPH1 signaling pathway controls localization of the phosphorylated form to the cell membrane.

图片



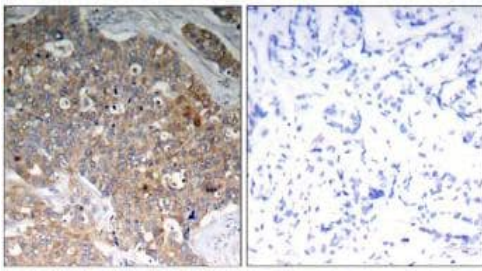
All lanes : Anti-GSK3 beta (phospho Y216) + GSK3 alpha (phospho Y279) antibody (ab75745) at 1/500 dilution

Lane 1 : 293 cell extracts, untreated

Lane 2 : 293 cell extracts, treated with insulin (40 μM, 30min)

Predicted band size: 47 kDa

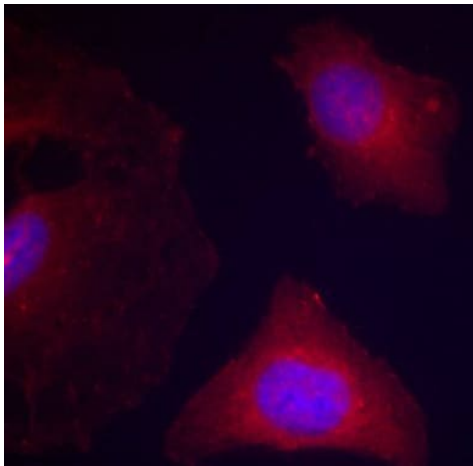
Observed band size: 47 kDa



P-Peptide - +

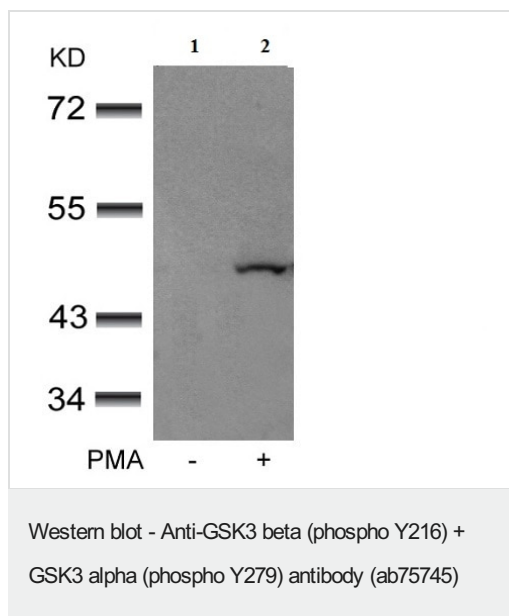
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GSK3 beta (phospho Y216) + GSK3 alpha (phospho Y279) antibody (ab75745)

ab75745, at a 1/50 dilution, staining GSK3 alpha/beta in paraffin embedded human breast carcinoma tissue by Immunohistochemistry, in the absence (left image) or presence (right image) of the immunizing phospho peptide.



Immunocytochemistry/ Immunofluorescence - Anti-GSK3 beta (phospho Y216) + GSK3 alpha (phospho Y279) antibody (ab75745)

ab75745 at 1/100 dilution staining GSK3 alpha/beta in human Hela cells by ICC/IF.



All lanes : Anti-GSK3 beta (phospho Y216) + GSK3 alpha (phospho Y279) antibody (ab75745) at 1/500 dilution

Lane 1 : 293 cells untreated PMA

Lane 2 : 293 cells treated PMA

Predicted band size: 47 kDa

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