


Anti-PP2A B subunit antibody ab16448

1 References

概述

产品名称	Anti-PP2A B subunit抗体
描述	兔多克隆抗体to PP2A B subunit
宿主	Rabbit
特异性	Based on sequence homology we believe this antibody will detect the following isoforms of the PP2A B subunit. The immunogen sequence is 100% identical to Q16537; epsilon isoform (PPP2R5E), Q13362; gamma isoform (PPP2R5C), Q14738; delta isoform (PPP2R5D) and Q15173 beta isoform (PPP2R5B), and 92% identical to Q15172; alpha isoform (PPP2R5A). If the isoform you are interested in is not listed, please contact our technical support team on technical@abcam.com who will be happy to check that for you.
经测试应用	适用于: WB
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide corresponding to Human PP2A B subunit aa 352-365 conjugated to Keyhole Limpet Haemocyanin (KLH). The sequence is also 100% identical to Q13362 (PPP2R5C), Q14738 (PPP2R5D) and Q15173 (PPP2R5B), and 92% identical to Q15172 (PPP2R5A). Sequence: VSSPHFQVAERALY Database link: Q16537
阳性对照	WB: Rat brain extract and Recombinant Human PPP2R5D protein (ab114547)
常规说明	<div>  Run BLAST with  Run BLAST with </div> <p>A protein phosphatase is a phosphatase enzyme that removes a phosphate group from the phosphorylated amino acid residue of its substrate protein. Protein phosphorylation is one of the most common forms of reversible protein posttranslational modification (PTM), with up to 30% of all proteins being phosphorylated at any given time. Protein kinases (PKs) are the effectors of phosphorylation and catalyse the transfer of a γ-phosphate from ATP to specific amino acids on proteins. Several hundred PKs exist in mammals and are classified into distinct super-families. Proteins are phosphorylated predominantly on Ser, Thr and Tyr residues, which account for 79.3, 16.9 and 3.8% respectively of the phosphoproteome, at least in mammals. In contrast, protein phosphatases (PPs) are the primary effectors of dephosphorylation and can be grouped into three main classes based on sequence, structure and catalytic function. The largest class of PPs is the phosphoprotein phosphatase (PPP) family comprising PP1, PP2A, PP2B, PP4, PP5, PP6 and PP7, and the protein phosphatase Mg²⁺ or Mn²⁺-dependent (PPM) family, composed primarily of PP2C.</p>

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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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.08% Sodium azide Constituent: PBS
纯度	Ammonium Sulphate Precipitation
纯化说明	Purified by Ammonium sulfate precipitation.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab16448 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 at an assay dependent concentration.

靶标

相关性	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit. The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment. There is an alpha isoform, a beta isoform, a gamma isoform, a delta isoform and an epsilon isoform.
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