

Anti-Phospho - (Ser/Thr) antibody ab117253

★★★★★ **1 Abreviews** **13 References**

概述

产品名称	Anti-Phospho - (Ser/Thr)抗体
描述	兔多克隆抗体to Phospho - (Ser/Thr)
宿主	Rabbit
经测试应用	适用于: ELISA, Dot blot
种属反应性	与反应: Species independent
免疫原	Phosphoserine/threonine conjugated with R-PE.
常规说明	<p>Buffers and proteins which contain phosphate should be avoided with this antibody. Certain proteins known to contain phosphorylated serine and threonine may not be detected by this antibody due to steric hindrance.</p> <p>The immunogen used is Phosphoserine and phosphothreonine conjugated with R-PE.</p> <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). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 0.16% Tris HCl, 0.88% Sodium chloride</p>
纯度	Protein A purified
克隆	多克隆

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab117253 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
ELISA		1/10000 - 1/50000.
Dot blot		Use at an assay dependent dilution.

靶标

相关性

A hallmark of signal transduction pathways is the reversible phosphorylation of serine and threonine residues within specific sequences, or motifs, in target proteins. Specific signaling motifs include not only sequences that are recognized by protein kinases, but also those that are recognized by phosphorylation-dependent binding proteins like 14-3-3. These modular phosphoprotein interacting domains are critical elements in modulating, directing and amplifying intracellular communications. Many critical protein kinases can be regulated by phosphorylation at a specific serine or threonine surrounded by phenylalanine or tyrosine. For example, Akt, an important kinase that regulates cell survival, is activated by phosphorylation at Ser473, a site surrounded by phenylalanine and tyrosine. RSK1, p70 S6 K, and certain PKC isoforms also contain a similar consensus phosphorylation site. Phosphorylation of these sites is required for kinase activity.

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