

# Anti-14-3-3 Binding Domain (phospho S) antibody ab14127

## 1 References

### 概述

<b>产品名称</b>	Anti-14-3-3 Binding Domain (phospho S)抗体
<b>描述</b>	兔多克隆抗体to 14-3-3 Binding Domain (phospho S)
<b>宿主</b>	Rabbit
<b>特异性</b>	Ab14127 binds peptides and proteins containing a motif composed of phospho-Ser with proline at the +2 position and arginine or lysine at the -3 position. Antibody binding is phospho-specific and largely independent of other surrounding amino acids. The antibody weakly crossreacts with sequences containing phospho-Thr instead of phospho-Ser in this motif and with sequences containing phospho-Ser surrounded by Phe at the +1 position and Arg/Lys at the -3 position. No crossreactivity is observed with corresponding nonphosphorylated sequences or with other phospho-Thr/Ser/Tyr-containing motifs. By ELISA ab14127 recognizes a wide range of peptides containing the 14-3-3 binding motif and by 2D gel Western blot analysis it recognizes a large number of presumptive 14-3-3 binding proteins.
<b>经测试应用</b>	<b>适用于:</b> WB, IP, IHC-P, ELISA
<b>种属反应性</b>	<b>与反应:</b> Species independent
<b>免疫原</b>	Synthetic peptide corresponding to 14-3-3 Binding Domain (phospho S).
<b>常规说明</b>	

This antibody provides a powerful tool for the discovery and characterization of potential 14-3-3 binding proteins containing this motif and for high throughput drug discovery.

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

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>存储溶液</b>	pH: 7.50

纯度	Constituents: 0.238% HEPES, 50% Glycerol, 0.87% Sodium chloride, BSA Protein A purified
Primary antibody说明	This antibody provides a powerful tool for the discovery and characterization of potential 14-3-3 binding proteins containing this motif and for high throughput drug discovery.
克隆	多克隆
同种型	IgG

## 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab14127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		1/1000. Predicted molecular weight: 30 kDa.
IP		1/50. On denatured proteins.
IHC-P		1/100.
ELISA		1/1000.

## 靶标

**相关性**

The 14-3-3 proteins are a highly conserved family of proteins involved in the regulation of cell survival, apoptosis, proliferation and checkpoint control. Biological regulation by 14-3-3 is mediated through phosphorylation-dependent protein-protein interactions. Two different phospho-Ser-containing motifs are found within nearly all known 14-3-3 binding proteins. Motif 1 (Arg/Lys and Ser at positions -3 and -2, phospho-Ser at position 0, and Pro at position +2) is found in critical regulatory proteins including Bad, cdc25c, FKHL1, PKC and c-Raf.

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