

Anti-Phosphoserine antibody [B106.1] ab7851

★★★★☆ [1 Abreviews](#) [2 References](#)

概述

产品名称	Anti-Phosphoserine抗体[B106.1]
描述	小鼠单克隆抗体[B106.1] to Phosphoserine
宿主	Mouse
特异性	This antibody detects free and conjugated phosphoserine as well as phosphoserine in modified cellular proteins. It does not cross react with nonphosphorylated serine or with phosphotyrosine or phosphothreonine, neither does it cross react with AMP or ATP. However, due to steric hinderance, certain proteins known to contain phosphorylated serine may not be recognized by this antibody.
经测试应用	适用于: WB
种属反应性	与反应: Species independent
免疫原	Chemical/ Small Molecule corresponding to Phosphoserine conjugated to Keyhole Limpet Haemocyanin (KLH).
阳性对照	For immunoblotting we recommend extract of rat brain cortex.
常规说明	<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	pH: 7.40 Preservative: 0.1% Sodium azide Constituent: PBS
纯度	Protein G purified
克隆	单克隆

克隆编号	B106.1
同种型	IgG1
轻链类型	unknown

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab7851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)	1/50. Do not use milk as a blocking agent or in diluents, as milk casein is phosphorylated at several serine residues. BSA is recommended instead.

靶标

相关性

Changes in the serine/threonine phosphorylation state of a protein in response to various external stimuli can have profound effects on cellular signal transduction, apoptosis and carcinogenesis. The reagents, including phosphorylated protein/peptides, antibodies against the phosphospecific amino acid, are important tools to explore the activation of serine, threonine or tyrosine containing proteins. An aberrant protein phosphorylation is a hallmark of human disease, and the enzymes, particularly protein kinases, which control protein phosphorylation are recognized as a major new drug target family.

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