

Anti-ScpA antibody ab92983

1 References

概述

产品名称	Anti-ScpA抗体
描述	兔多克隆抗体to ScpA
宿主	Rabbit
经测试应用	适用于: ELISA, WB
种属反应性	与反应: Staphylococcus aureus
免疫原	Synthetic peptide corresponding to C terminal residues of Staphylococcus aureus ScpA
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
纯化说明	Purity: > 90%.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab92983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		1/2000 - 1/5000.
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 44 kDa. for 2 hours. This antibody has been tested in Western blot against the recombinant peptide used as an immunogen. We have no data on detection of endogenous protein.

靶标

相关性 ScpA (Staphylococcal cysteine proteinase A) is able to degrade elastin. ScpA (Staphylococcal cysteine proteinase A) has a broad endopeptidase action on proteins including elastin, but rather limited hydrolysis of small-molecule substrates. Assays are conveniently made with hemoglobin, casein or Z-Phe-Arg-NHMec as substrate. Prematurely activated/folded staphopain A is inhibited by staphostatin A (scpB), which is probably required to protect staphylococcal cytoplasmic proteins from degradation by scpA. In the cytoplasm, prematurely activated/folded scpA forms a stable non-covalent complex with scpB. Cleavage leads to the activation of scpA probably by an auto-catalytic manner. The catalytic maturation of scpA appears to reside outside the cascade of activation started by the metalloprotease aureolysin (aur) scpA (Staphylococcal cysteine proteinaseA) belongs to the peptidase C47 family.

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