

Anti-Caspase-9 antibody ab69514

[15 References](#) [1 图像](#)

概述

| | |
|-------|---|
| 产品名称 | Anti-Caspase-9抗体 |
| 描述 | 兔多克隆抗体to Caspase-9 |
| 宿主 | Rabbit |
| 特异性 | Detects bands of ~46-50kDa (proform) and ~35/37kDa, ~18kDa, ~10kDa (processed) by Western blot. |
| 经测试应用 | 适用于: WB |
| 种属反应性 | 与反应: Human |
| 免疫原 | Recombinant fragment corresponding to Human Caspase-9 (N terminal). procaspase-9 region Database link: P55211 |
| 阳性对照 | HeLa Cell Lysate (Heat Shocked); Jurkat cell lysate |
| 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 or -80°C. Avoid repeated freeze / thaw cycles. |
| 存储溶液 | Preservative: 0.09% Sodium azide Constituent: PBS |
| 纯度 | Protein A purified |
| 克隆 | 多克隆 |
| 同种型 | IgG |

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab69514 于以下的经测试应用

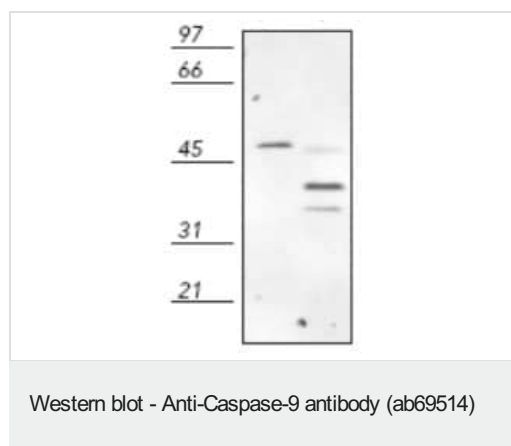
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|----|------|---|
| WB | | 1/500. Detects a band of approximately 50 kDa (predicted molecular weight: 46 kDa). |

靶标

| | |
|--------------|---|
| 功能 | Involved in the activation cascade of caspases responsible for apoptosis execution. Binding of caspase-9 to Apaf-1 leads to activation of the protease which then cleaves and activates caspase-3. Proteolytically cleaves poly(ADP-ribose) polymerase (PARP). Isoform 2 lacks activity is an dominant-negative inhibitor of caspase-9. |
| 组织特异性 | Ubiquitous, with highest expression in the heart, moderate expression in liver, skeletal muscle, and pancreas. Low levels in all other tissues. Within the heart, specifically expressed in myocytes. |
| 序列相似性 | Belongs to the peptidase C14A family. Contains 1 CARD domain. |
| 发展阶段 | Expressed at low levels in fetal heart, at moderate levels in neonate heart, and at high levels in adult heart. |
| 翻译后修饰 | Cleavages at Asp-315 by granzyme B and at Asp-330 by caspase-3 generate the two active subunits. Caspase-8 and -10 can also be involved in these processing events. |

图片



All lanes : Anti-Caspase-9 antibody (ab69514) at 1/500 dilution

Lane 1 : Jurkat cell lysate

Lane 2 : apoptosis-induced Jurkat cell lysate

Predicted band size: 46 kDa

Observed band size: 50 kDa

Additional bands at: 36 kDa, 40 kDa. We are unsure as to the identity of these extra bands.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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