

### Anti-Caspase-9 antibody ab52298

★★★★★ [1 Abreviews](#) [66 References](#) [2 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	ab52298 detects endogenous levels of fragment of activated Caspase 9 resulting from cleavage adjacent to Asp 353.
经测试应用	<b>适用于:</b> IHC-P, WB
种属反应性	<b>与反应:</b> Mouse, Human
免疫原	Synthetic peptide corresponding to Mouse Caspase-9.
常规说明	<p>ab52298 is cleaved at Asp353</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&amp;As</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS</p> <p>Without Mg+2 and Ca+2</p>
纯度	Immunogen affinity purified
纯化说明	ab52298 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee      **Abpromise™** 承诺保证使用ab52298于以下的经测试应用

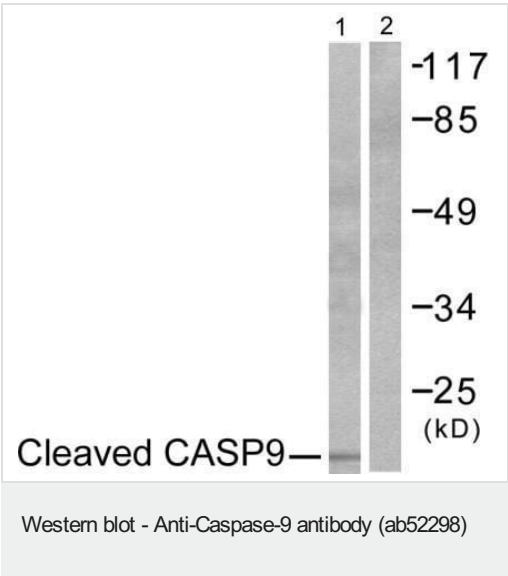
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P	★★★★★ (1)	Use at an assay dependent concentration.
WB		1/500 - 1/1000. Predicted molecular weight: 46 kDa.

靶标

功能	Involves 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

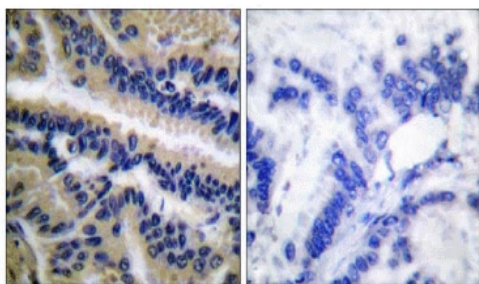


**All lanes :** Anti-Caspase-9 antibody (ab52298) at 1/1000 dilution

**Lane 1 :** NIH/3T3 (mouse embryo fibroblast cell line) cell lysate

**Lane 2 :** NIH/3T3 (mouse embryo fibroblast cell line) cell lysate with Blocked with synthesized peptide

**Predicted band size:** 46 kDa



CI-peptide

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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Caspase-9 antibody (ab52298)

ab52298 at 1/50 dilution staining Caspase 9 in human lung carcinoma by Immunohistochemistry, Paraffin embedded tissue, in the absence or presence of the immunising peptide.

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

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