

### Anti-Caspase-9 antibody ab52298

★★★★★ [1 Abreviews](#) [66 References](#) [画像数 2](#)

#### 製品の概要

製品名	Anti-Caspase-9 antibody
製品の詳細	Rabbit polyclonal to Caspase-9
由来種	Rabbit
特異性	ab52298 detects endogenous levels of fragment of activated Caspase 9 resulting from cleavage adjacent to Asp 353.
アプリケーション	<b>適用あり:</b> IHC-P, WB
種交差性	<b>交差種:</b> Mouse, Human
免疫原	Synthetic peptide corresponding to Mouse Caspase-9.
特記事項	<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>

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	<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>
精製度	Immunogen affinity purified
特記事項 (精製)	ab52298 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

## アプリケーション

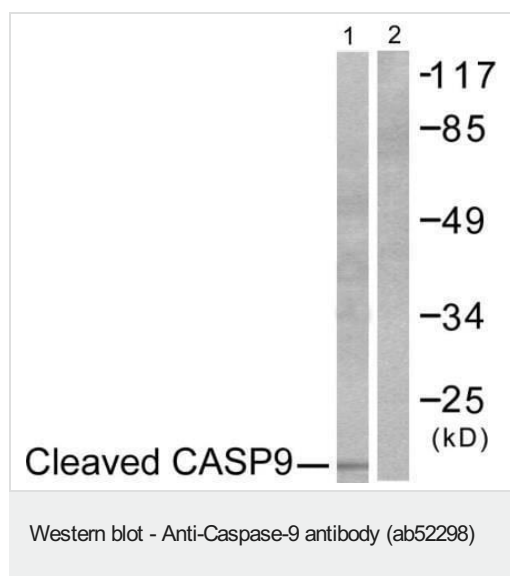
**The Abpromise guarantee** Abpromise保証は、次のテスト済みアプリケーションにおけるab52298の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
IHC-P	★★★★★ (1)	Use at an assay dependent concentration.
WB		1/500 - 1/1000. Predicted molecular weight: 46 kDa.

## ターゲット情報

機能	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.
組織特異性	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.
配列類似性	Belongs to the peptidase C14A family. Contains 1 CARD domain.
発生段階	Expressed at low levels in fetal heart, at moderate levels in neonate heart, and at high levels in adult heart.
翻訳後修飾	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.

## 画像

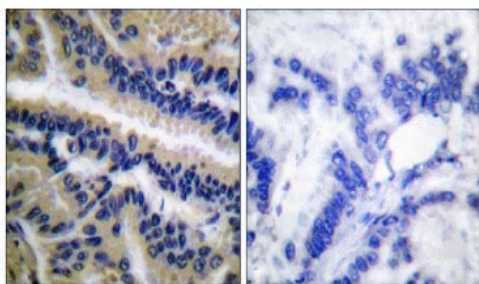


**All lanes :** Anti-Caspase-9 antibody (ab52298) at 1/1000 dilution

**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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