

## Product datasheet

# Anti-Caspase-9 antibody ab61763

### 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
アプリケーション	<b>適用あり:</b> ELISA, ICC/IF, WB
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide corresponding to Human Caspase-9. Database link: <a href="#">P55211</a>
ポジティブ・コントロール	Extracts from 293 cells, treated with Calyculin (50nM, 30mins), HeLa cells.

#### 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	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS, 150mM Sodium chloride, pH 7.4
精製度	Immunogen affinity purified
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

Our [Abpromise guarantee](#) covers the use of **ab61763** in the following tested applications.

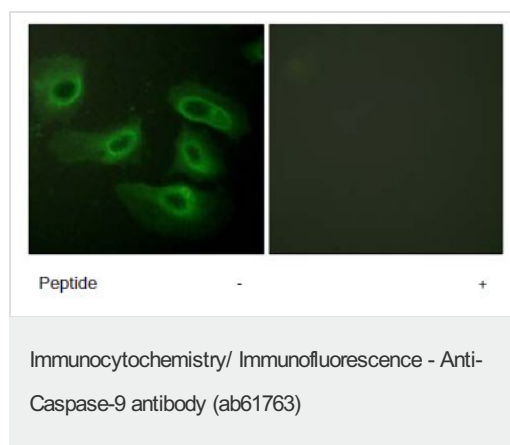
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
ELISA		1/20000.
ICC/IF		1/500 - 1/1000.
WB		1/5 - 1/1000. Detects a band of approximately 46 kDa (predicted molecular weight: 46 kDa).

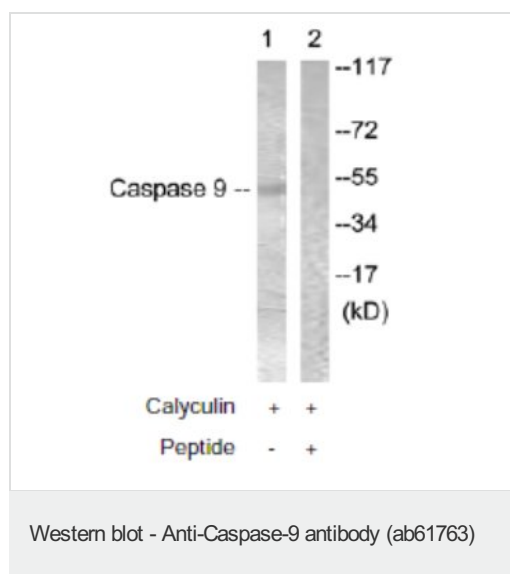
## ターゲット情報

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



HeLa cells stained with ab61763 at 1/500 dilution, with and without the immunising peptide.



**All lanes :** Anti-Caspase-9 antibody (ab61763) at 1/500 dilution

**Lane 1 :** Extracts from 293 cells, treated with Calyculin (50nM, 30mins).

**Lane 2 :** Extracts from 293 cells, treated with Calyculin (50nM, 30mins), and the immunising peptide.

**Predicted band size:** 46 kDa

**Observed band size:** 46 kDa

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- We investigate all quality concerns to ensure our products perform to the highest standards

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