

Product datasheet

Anti-Caspase-9 antibody ab61129

画像数 1

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	ab61129 detects endogenous levels of total Caspase-9 protein.
アプリケーション	適用あり: ELISA, WB
種交差性	交差種: Human
免疫原	Synthetic peptide corresponding to Human Caspase-9. Database link: P55211
ポジティブ・コントロール	COS7 cell extracts treated with Etoposide (25uM, 24hours).

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 (without Mg ²⁺ and Ca ²⁺), 150mM Sodium chloride, pH 7.4
精製度	Immunogen affinity purified
特記事項(精製)	ab61129 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

Our [Abpromise guarantee](#) covers the use of **ab61129** in the following tested applications.

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

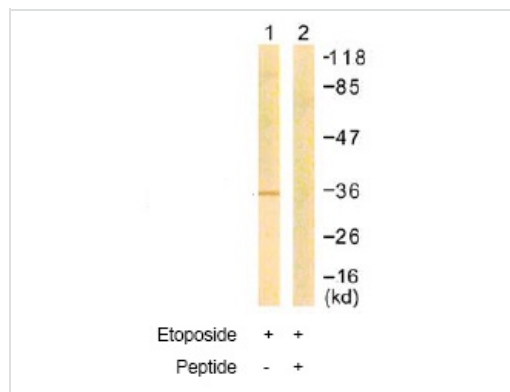
アプリケーション	Abreviews	特記事項
ELISA		1/5000.

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/1000. Detects a band of approximately 35 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



Western blot - Anti-Caspase-9 antibody (ab61129)

All lanes : Anti-Caspase-9 antibody (ab61129)

Lane 1 : COS7 cell extracts treated with Etoposide (25uM, 24hours)

Lane 2 : COS7 cell extracts treated with Etoposide (25uM, 24hours) with immunising peptide

Predicted band size: 46 kDa

Observed band size: 35 kDa

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