

## Product datasheet

# Anti-Caspase-10 antibody ab92844

★★★★☆ 1 Abreviews [画像数 1](#)

### 製品の概要

製品名	Anti-Caspase-10 antibody
製品の詳細	Rabbit polyclonal to Caspase-10
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: Human 交差が予測される動物種: Pig, Orangutan
免疫原	Synthetic peptide corresponding to Human Caspase-10 aa 100-200 conjugated to Keyhole Limpet Haemocyanin (KLH). Database link: <a href="#">Q92851</a> (Peptide available as <a href="#">ab101384</a> )
ポジティブ・コントロール	This antibody gave a positive signal in Human kidney and lung tissue lysates as well as HeLa and A431 whole cell lysates.

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
精製度	Protein A 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 **ab92844** in the following tested applications.

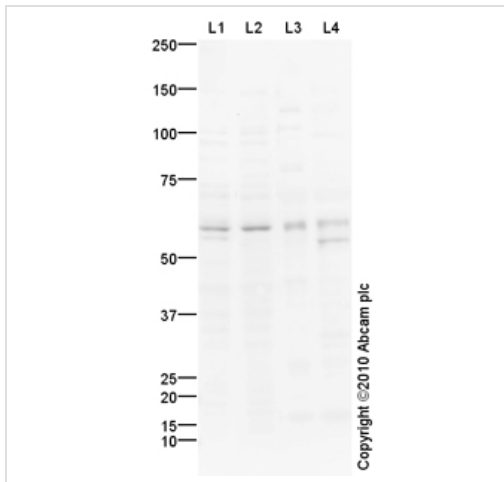
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 59 kDa (predicted molecular weight: 59 kDa).

## ターゲット情報

<b>機能</b>	<p>Involved in the activation cascade of caspases responsible for apoptosis execution. Recruited to both Fas- and TNFR-1 receptors in a FADD dependent manner. May participate in the granzyme B apoptotic pathways. Cleaves and activates caspase-3, -4, -6, -7, -8, and -9. Hydrolyzes the small- molecule substrates, Tyr-Val-Ala-Asp-AMC and Asp-Glu-Val-Asp-AMC.</p> <p>Isoform C is proteolytically inactive.</p>
<b>組織特異性</b>	<p>Detectable in most tissues. Lowest expression is seen in brain, kidney, prostate, testis and colon.</p>
<b>関連疾患</b>	<p>Defects in CASP10 are the cause of autoimmune lymphoproliferative syndrome type 2A (ALPS2A) [MIM:603909]. ALPS2 is characterized by abnormal lymphocyte and dendritic cell homeostasis and immune regulatory defects.</p> <p>Defects in CASP10 are a cause of familial non-Hodgkin lymphoma (NHL) [MIM:605027]. NHL is a cancer that starts in cells of the lymph system, which is part of the body's immune system. NHLs can occur at any age and are often marked by enlarged lymph nodes, fever and weight loss.</p> <p>Defects in CASP10 are a cause of gastric cancer (GASC) [MIM:613659]. A malignant disease which starts in the stomach, can spread to the esophagus or the small intestine, and can extend through the stomach wall to nearby lymph nodes and organs. It also can metastasize to other parts of the body. The term gastric cancer or gastric carcinoma refers to adenocarcinoma of the stomach that accounts for most of all gastric malignant tumors. Two main histologic types are recognized, diffuse type and intestinal type carcinomas. Diffuse tumors are poorly differentiated infiltrating lesions resulting in thickening of the stomach. In contrast, intestinal tumors are usually exophytic, often ulcerating, and associated with intestinal metaplasia of the stomach, most often observed in sporadic disease.</p>
<b>配列類似性</b>	<p>Belongs to the peptidase C14A family.</p> <p>Contains 2 DED (death effector) domains.</p>
<b>翻訳後修飾</b>	<p>Cleavage by granzyme B and autocatalytic activity generate the two active subunits.</p> <p>Phosphorylated upon DNA damage, probably by ATM or ATR.</p>

## 画像



Western blot - Anti-Caspase-10 antibody (ab92844)

**All lanes :** Anti-Caspase-10 antibody (ab92844) at 1 µg/ml

**Lane 1 :** HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate

**Lane 2 :** A431 (Human epithelial carcinoma cell line) Whole Cell Lysate

**Lane 3 :** Lung (Human) Tissue Lysate

**Lane 4 :** Human kidney tissue lysate - total protein (ab30203)

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (ab97080) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 59 kDa

**Observed band size:** 59 kDa

**Additional bands at:** 53 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 3 minutes

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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