

Product datasheet

Anti-Caspase-10 antibody [2E7] ab88066

画像数 2

製品の概要

製品名	Anti-Caspase-10 antibody [2E7]
製品の詳細	Mouse monoclonal [2E7] to Caspase-10
由来種	Mouse
アプリケーション	適用あり: WB, ELISA
種交差性	交差種: Human
免疫原	Recombinant fragment corresponding to Human Caspase-10 aa 1-111 (N terminal). Database link: Q92851
ポジティブ・コントロール	Lysate from U2OS cells

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: None Constituents: PBS, pH 7.2
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	2E7
アイソタイプ	IgG2a
軽鎖の種類	kappa

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab88066** 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. Predicted molecular weight: 59 kDa.

アプリケーション	Abreviews	特記事項
ELISA		Use at an assay dependent dilution.

ターゲット情報

機能	<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>
組織特異性	<p>Detectable in most tissues. Lowest expression is seen in brain, kidney, prostate, testis and colon.</p>
関連疾患	<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>
配列類似性	<p>Belongs to the peptidase C14A family.</p> <p>Contains 2 DED (death effector) domains.</p>
翻訳後修飾	<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



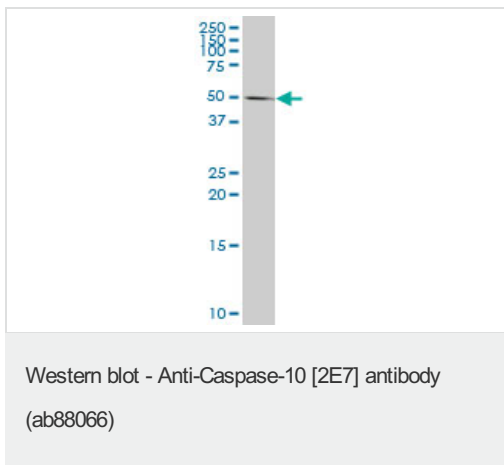
Anti-Caspase-10 antibody [2E7] (ab88066) at 5 µg/ml + immunogen (tagged recombinant fragment) at 0.2 µg/ml

Secondary

Goat anti Mouse IgG at 1/5000 dilution

Predicted band size: 59 kDa

MW of tag alone: 26kDa



Anti-Caspase-10 antibody [2E7] (ab88066) at 1 µg/ml + U2OS cell lysate at 25 µg

Secondary

Goat anti Mouse IgG at 1/5000 dilution

Predicted band size: 59 kDa

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