abcam

Product datasheet

Recombinant Human Bid protein ab85155

画像数1

製品の詳細

製品名 Recombinant Human Bid protein

精製度 > 85 % Densitometry.

Affinity purified.

発現系 Baculovirus infected Sf9 cells

タンパク質長 Full length protein

Animal free No

由来 Recombinant

生物種 Human

特性

Our **Abpromise guarantee** covers the use of **ab85155** 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 Western blot

SDS-PAGE

製品の状態 Liquid

前処理および保存

保存方法および安定性 Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 7.50

Constituents: 0.00174% PMSF, 0.0039% DTT, 25% Glycerol (glycerin, glycerine), 0.88% Sodium

chloride, 0.79% Tris HCI, 0.003% EDTA

関連情報

機能 The major proteolytic product p15 BID allows the release of cytochrome c (By similarity). Isoform

1, isoform 2 and isoform 4 induce ICE-like proteases and apoptosis. Isoform 3 does not induce

apoptosis. Counters the protective effect of Bcl-2.

組織特異性 Isoform 2 and isoform 3 are expressed in spleen, bone marrow, cerebral and cerebellar cortex.

Isoform 2 is expressed in spleen, pancreas and placenta (at protein level). Isoform 3 is expressed

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in lung, pancreas and spleen (at protein level). Isoform 4 is expressed in lung and pancreas (at

protein level).

ドメイン Intact BH3 motif is required by BIK, BID, BAK, BAD and BAX for their pro-apoptotic activity and

for their interaction with anti-apoptotic members of the Bcl-2 family.

翻訳後修飾 TNF-alpha induces a caspase-mediated cleavage of p22 BID into a major p15 and minor p13

and p11 products.

Phosphorylated upon DNA damage, probably by ATM or ATR.

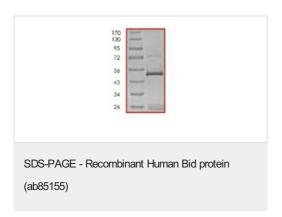
p15 BID is ubiquitinated by ITCH; ubiquitination results in proteasome-dependent degradation.

細胞内局在 Cytoplasm; Cytoplasm. Mitochondrion membrane. When uncleaved, it is predominantly

cytoplasmic; Mitochondrion membrane. A significant proportion of isoform 2 localizes to mitochondria, it may be cleaved constitutively; Mitochondrion membrane. Associated with the mitochondrial membrane and Mitochondrion membrane. Translocates to mitochondria as an

integral membrane protein.

画像



SDS-PAGE showing ab85155 at approximately 52kDa.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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