

Product datasheet

Anti-Bad antibody ab59909

画像数 1

製品の概要

製品名	Anti-Bad antibody
製品の詳細	Rabbit polyclonal to Bad
由来種	Rabbit
アプリケーション	適用あり: ELISA, IHC-P
種交差性	交差種: Human
免疫原	Synthetic peptide selected within aa 100-130 (BH3 domain) of human Bad conjugated to KLH
ポジティブ・コントロール	Human hepatocarcinoma tissue.

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 or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.09% Sodium Azide Constituents: PBS
精製度	Protein G 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 **ab59909** in the following tested applications.

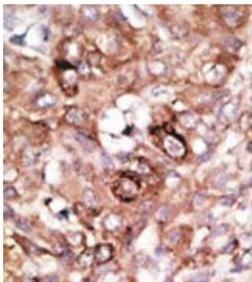
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
ELISA		1/1000.
IHC-P		1/50 - 1/100.

ターゲット情報

機能	Promotes cell death. Successfully competes for the binding to Bcl-X(L), Bcl-2 and Bcl-W, thereby affecting the level of heterodimerization of these proteins with BAX. Can reverse the death repressor activity of Bcl-X(L), but not that of Bcl-2 (By similarity). Appears to act as a link between growth factor receptor signaling and the apoptotic pathways.
組織特異性	Expressed in a wide variety of tissues.
配列類似性	Belongs to the Bcl-2 family.
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	Phosphorylated on one or more of Ser-75, Ser-99, Ser-118 and Ser-134 in response to survival stimuli, which blocks its pro-apoptotic activity. Phosphorylation on Ser-99 or Ser-75 promotes heterodimerization with 14-3-3 proteins. This interaction then facilitates the phosphorylation at Ser-118, a site within the BH3 motif, leading to the release of Bcl-X(L) and the promotion of cell survival. Ser-99 is the major site of AKT/PKB phosphorylation, Ser-118 the major site of protein kinase A (CAPK) phosphorylation. Ser-75 is phosphorylated by AKT/PKB, protein kinase A and PIM2.
細胞内局在	Mitochondrion outer membrane. Cytoplasm. Upon phosphorylation, locates to the cytoplasm.

画像



Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with ab59909 at a dilution of 1/50. A peroxidase-conjugated secondary antibody was used, followed by AEC staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Bad antibody (ab59909)

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