

Product datasheet

Anti-XIAP antibody ab97685

画像数 1

製品の概要

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|--------------|---|
| 製品名 | Anti-XIAP antibody |
| 製品の詳細 | Mouse monoclonal to XIAP |
| 由来種 | Mouse |
| 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 | Recombinant fragment (<i>E.coli</i> expressed), corresponding to amino acids 359-497 of Human XIAP |
| ポジティブ・コントロール | HEK293 whole cell lysate |

製品の特性

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|--------|--|
| 製品の状態 | Liquid |
| 保存方法 | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. |
| バッファー | Preservative: 0.02% Proclin Constituents: Tris HCl, pH 7 |
| 精製度 | Protein A purified |
| ポリ/モノ | モノクローナル |
| アイソタイプ | IgG1 |

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab97685** in the following tested applications.

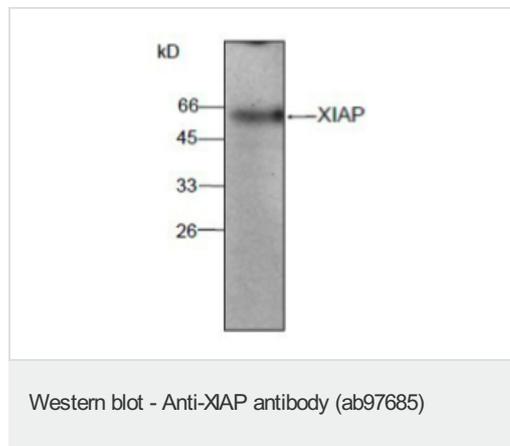
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|---|
| ELISA | | Use at an assay dependent dilution. |
| WB | | Use at an assay dependent dilution. Predicted molecular weight: 55 kDa. |

ターゲット情報

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|-------|--|
| 機能 | Apoptotic suppressor. Has E3 ubiquitin-protein ligase activity. Mediates the proteasomal degradation of target proteins, such as caspase-3, SMAC or AIFM1. Inhibitor of caspase-3, -7 and -9. Mediates activation of MAP3K7/TAK1, leading to the activation of NF-kappa-B. |
| 組織特異性 | Ubiquitous, except peripheral blood leukocytes. |
| 関連疾患 | Defects in XIAP are the cause of lymphoproliferative syndrome X-linked type 2 (XLP2) [MIM:300635]. XLP is a rare immunodeficiency characterized by extreme susceptibility to infection with Epstein-Barr virus (EBV). Symptoms include severe or fatal mononucleosis, acquired hypogammaglobulinemia, pancytopenia and malignant lymphoma. |
| 配列類似性 | Belongs to the IAP family. Contains 3 BIR repeats. Contains 1 RING-type zinc finger. |
| ドメイン | The first BIR domain is involved in interaction with TAB1/MAP3K7IP1 and is important for dimerization. The second BIR domain is sufficient to inhibit caspase-3 and caspase-7, while the third BIR is involved in caspase-9 inhibition. The interactions with SMAC and PRSS25 are mediated by the second and third BIR domains. |
| 翻訳後修飾 | Ubiquitinated and degraded by the proteasome in apoptotic cells. Phosphorylation by PKB/AKT protects XIAP against ubiquitination and protects the protein against proteasomal degradation. |
| 細胞内局在 | Cytoplasm. |

画像



Anti-HIF-1 alpha antibody [H1alpha67] - ChIP
Grade (ab1) at 1/500 dilution + HEK293 whole
cell lysate

Predicted band size: 55 kDa

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