


### Anti-XIAP antibody ab137392

1 References [画像数 5](#)

医薬用外劇物

#### 製品の概要

製品名	Anti-XIAP antibody
製品の詳細	Rabbit polyclonal to XIAP
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, ICC/IF, IHC-P
種交差性	<b>交差種:</b> Mouse, Human <b>交差が予測される動物種:</b> Rabbit, Pig 
免疫原	Recombinant fragment, corresponding to a region within amino acids 282-470 of Human XIAP (Uniprot ID: P98170).
ポジティブ・コントロール	A549 and NIH 3T3 whole cell lysates; HeLa cells; Human SW480 xenograft tissue.
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
精製度	Immunogen affinity 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

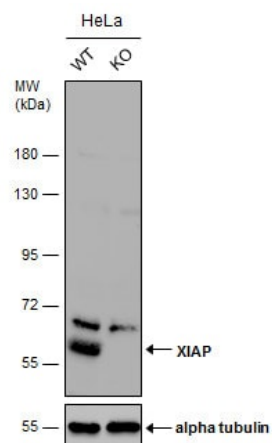
**The Abpromise guarantee** Abpromise保証は、次のテスト済みアプリケーションにおけるab137392の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/3000. Predicted molecular weight: 57 kDa.
ICC/IF		1/100 - 1/1000.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. or Tris-EDTA buffer (pH8.0)

## ターゲット情報

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



Western blot - Anti-XIAP antibody (ab137392)

**All lanes :** Anti-XIAP antibody (ab137392) at 1/500 dilution

**Lane 1 :** WT HeLa cell extract

**Lane 2 :** XIAP Knockout 293T cell extracts

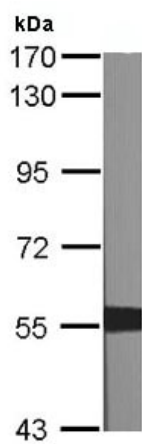
Lysates/proteins at 30 µg per lane.

### Secondary

**All lanes :** HRP-conjugated anti-rabbit IgG

**Predicted band size:** 57 kDa

**Observed band size:** 73 kDa

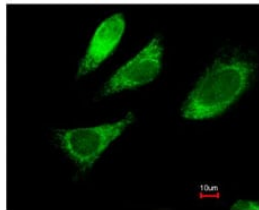


Western blot - Anti-XIAP antibody (ab137392)

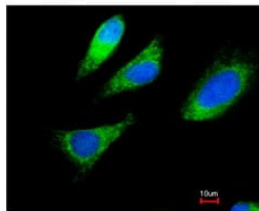
Anti-XIAP antibody (ab137392) at 1/1000 dilution + NIH 3T3 whole cell lysate  
at 30 µg

**Predicted band size:** 57 kDa

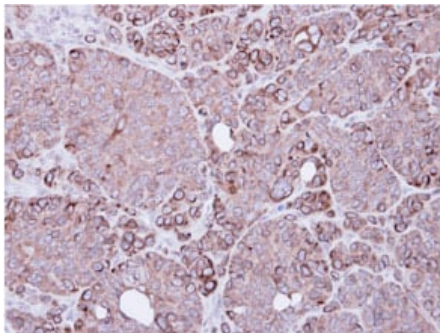
7.5% SDS PAGE



Immunofluorescence analysis of paraformaldehyde-fixed HeLa cells, labelling XIAP with ab137392 at 1/200 dilution. Lower image is merged with DNA probe.

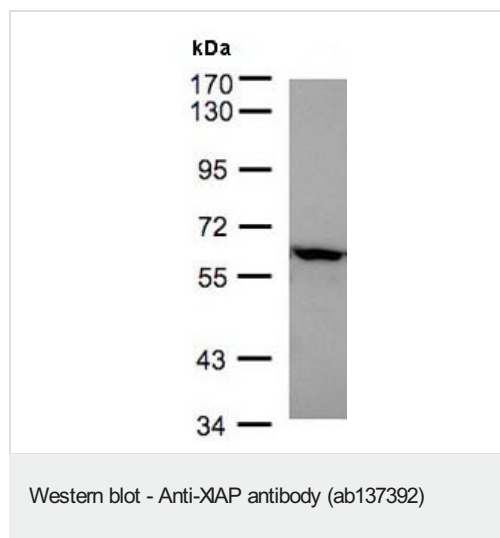


Immunocytochemistry/ Immunofluorescence - Anti-XIAP antibody (ab137392)



Immunohistochemical analysis of paraffin-embedded Human SW480 xenograft tissue, labelling XIAP with ab137392 at 1/500 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-XIAP antibody (ab137392)



Anti-XIAP antibody (ab137392) at 1/1000 dilution + A549 whole cell lysate at 30 µg

**Predicted band size:** 57 kDa

7.5% SDS PAGE

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