


Anti-XIAP antibody ab137392

1 References **5 图像**

概述

产品名称	Anti-XIAP抗体
描述	兔多克隆抗体to XIAP
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF, IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Rabbit, Pig 
免疫原	Recombinant fragment, corresponding to a region within amino acids 282-470 of Human XIAP (Uniprot ID: P98170).
阳性对照	A549 and NIH 3T3 whole cell lysates; HeLa cells; Human SW480 xenograft tissue.
常规说明	<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&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)</p>
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

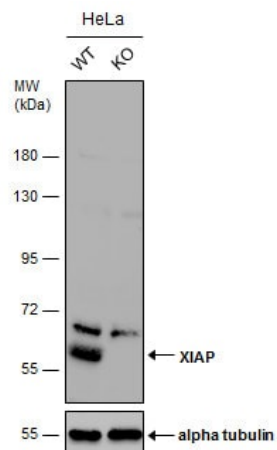
Abpromise™承诺保证使用ab137392于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
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)

靶标	
功能	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.
组织特异性	Ubiquitous, except peripheral blood leukocytes.
疾病相关	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.
序列相似性	Belongs to the IAP family. Contains 3 BIR repeats. Contains 1 RING-type zinc finger.
结构域	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.
翻译后修饰	Ubiquitinated and degraded by the proteasome in apoptotic cells. Phosphorylation by PKB/AKT protects XIAP against ubiquitination and protects the protein against proteasomal degradation.
细胞定位	Cytoplasm.

图片



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

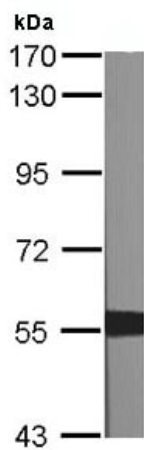
Lysates/proteins at 30 µg per lane.

Secondary

All lanes : HRP-conjugated anti-rabbit IgG

Predicted band size: 57 kDa

Observed band size: 73 kDa

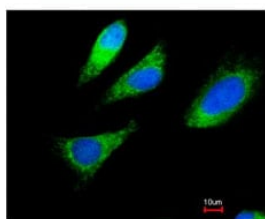
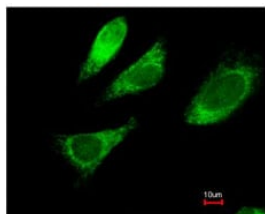


Western blot - Anti-XIAP antibody (ab137392)

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

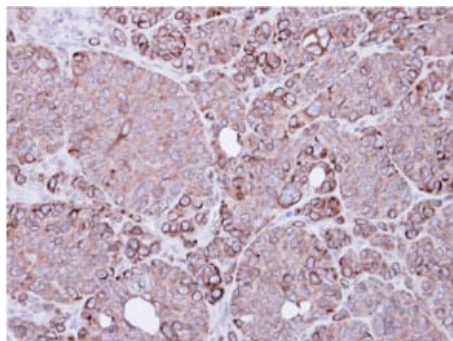
Predicted band size: 57 kDa

7.5% SDS PAGE



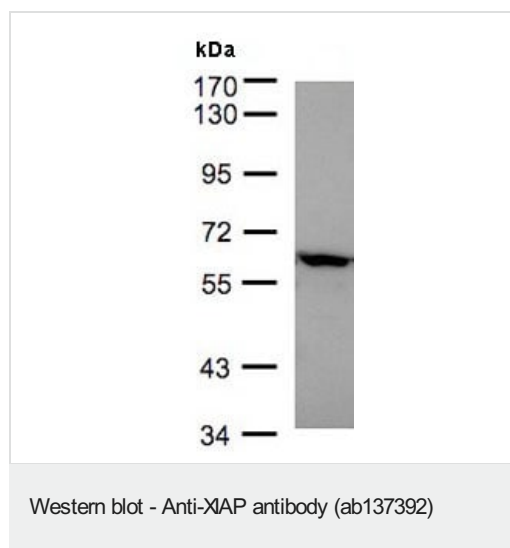
Immunocytochemistry/ Immunofluorescence - Anti-XIAP antibody (ab137392)

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



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

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



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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