

# Anti-XIAP antibody ab2541

★★★★☆ [1 Abreviews](#) [11 References](#) [1 图像](#)

### 概述

<b>产品名称</b>	Anti-XIAP抗体
<b>描述</b>	兔多克隆抗体to XIAP
<b>宿主</b>	Rabbit
<b>特异性</b>	This antibody detects the 53 kDa human XIAP protein. It does not cross-react with other apoptosis inhibitors.
<b>经测试应用</b>	<b>适用于:</b> WB
<b>种属反应性</b>	<b>与反应:</b> Human
<b>免疫原</b>	Synthetic peptide corresponding to XIAP. Available on request. (Peptide available as <a href="#">ab38275</a> .)
<b>常规说明</b>	<p>This product is manufactured by BioVision, an Abcam company and was previously called 3183 XIAP Antibody.</p> <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>

### 性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>存储溶液</b>	pH: 7.20 Preservative: 0.01% Thimerosal (merthiolate) Constituents: PBS, 30% Glycerol (glycerin, glycerine), 0.5% BSA
<b>纯度</b>	Immunogen affinity purified
<b>克隆</b>	多克隆
<b>同种型</b>	IgG

## 应用

**The Abpromise guarantee** **Abpromise™**承诺保证使用ab2541于以下的经测试应用

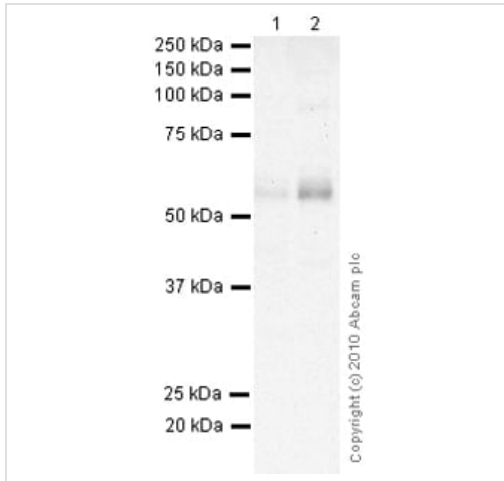
“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 54 kDa (predicted molecular weight: 54 kDa).

## 靶标

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

## 图片



Western blot - Anti-XIAP antibody (ab2541)

**All lanes :** Anti-XIAP antibody (ab2541) at 1 µg/ml

**Lane 1 :** Human brain tissue lysate - total protein (**ab29466**)

**Lane 2 :** Human placenta tissue lysate - total protein (**ab29745**)

Lysates/proteins at 10 µg per lane.

**Secondary**

**All lanes :** Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 54 kDa

**Observed band size:** 54 kDa

**Exposure time:** 12 minutes

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

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