

## Product datasheet

# XIAP overexpression 293T lysate (whole cell) ab94239

2 Images

### Overview

---

<b>Product name</b>	XIAP overexpression 293T lysate (whole cell)
<b>General notes</b>	ab94239 is a 293T cell transfected lysate in which Human XIAP has been transiently overexpressed using a pCMV-XIAP plasmid. The lysate is provided in 1 x Sample Buffer.
<b>Tested applications</b>	<b>Suitable for:</b> WB

### Properties

---

<b>Mycoplasma free</b>	Yes
<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
<b>Background</b>	<p>Function: 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. Tissue specificity: Ubiquitous, except peripheral blood leukocytes. Disease: 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. Similarity: Belongs to the IAP family. Contains 3 BIR repeats. Contains 1 RING-type zinc finger. Domain: 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. PTM: Ubiquitinated and degraded by the proteasome in apoptotic cells. Phosphorylation by PKB/AKT protects XIAP against ubiquitination and protects the protein against proteasomal degradation.</p>

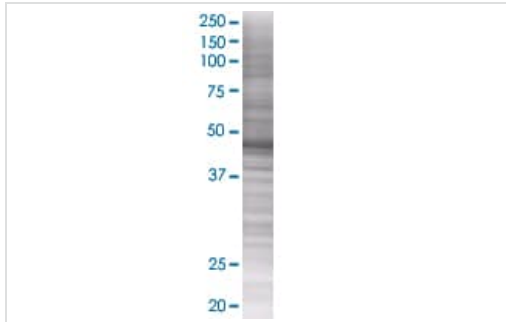
### Applications

---

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab94239 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

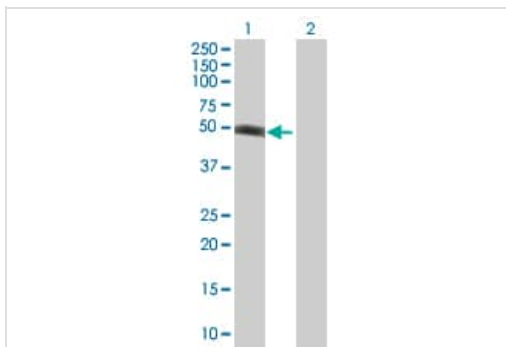
Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

## Images



SDS-PAGE - XIAP overexpression 293T lysate  
(whole cell) (ab94239)

ab94239 at 15µg/lane on an SDS-PAGE gel.



Western blot - XIAP overexpression 293T lysate  
(whole cell) (ab94239)

**All lanes** : Anti-XIAP antibody (**ab54788**) at 1/500 dilution

**Lane 1** : XIAP overexpression 293T lysate (whole cell) (ab94239)

**Lane 2** : 293T non-transfected lysate

Lysates/proteins at 25 µg per lane.

### Secondary

**All lanes** : Goat Anti-mouse IgG (H and L) HRP conjugated at 1/2500 dilution

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

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors