

## Product datasheet

# Anti-Smac / Diablo antibody ab23450

### 2 图像

#### 概述

<b>产品名称</b>	Anti-Smac / Diablo抗体
<b>描述</b>	兔多克隆抗体to Smac / Diablo
<b>宿主</b>	Rabbit
<b>经测试应用</b>	<b>适用于:</b> ELISA, WB, IHC-P
<b>种属反应性</b>	<b>与反应:</b> Rabbit, Human <b>预测可用于:</b> Cow, Dog, Pig
<b>免疫原</b>	A region within synthetic peptide: LQVEEVHQLS RKAETKLAEA QIEELRQKTQ EEGEERAESE QEAYLRED, corresponding to C terminal amino acids 139-186 of Human Smac/ Diablo <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>阳性对照</b>	HepG2 cell lysate for WB. Paraffin embedded human kidney tissue for IHC.

#### 性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>存储溶液</b>	Preservative: None Constituents: 2% Sucrose, PBS
<b>纯度</b>	Immunogen affinity purified
<b>纯化说明</b>	The antibody was purified by affinity chromatography.
<b>克隆</b>	多克隆
<b>同种型</b>	IgG

#### 应用

Our [Abpromise guarantee](#) covers the use of **ab23450** in the following tested applications.

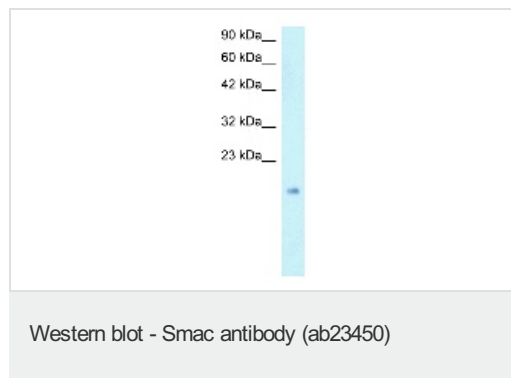
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab 评论	说明
ELISA		1/15000.
WB		Use a concentration of 1 - 1.25 µg/ml. Predicted molecular weight: 27 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.
IHC-P		Use a concentration of 4 - 8 µg/ml.

## 靶标

<b>功能</b>	Promotes apoptosis by activating caspases in the cytochrome c/Apaf-1/caspase-9 pathway. Acts by opposing the inhibitory activity of inhibitor of apoptosis proteins (IAP).
<b>组织特异性</b>	Ubiquitously expressed with highest expression in testis. Expression is also high in heart, liver, kidney, spleen, prostate and ovary. Low in brain, lung, thymus and peripheral blood leukocytes.
<b>结构域</b>	The mature N-terminus mediates interaction with XIAP.
<b>细胞定位</b>	Mitochondrion. Released into the cytosol when cells undergo apoptosis.

## 图片



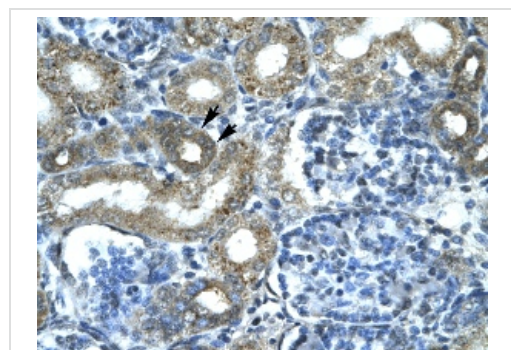
Anti-Smac / Diablo antibody (ab23450) at 1 µg/ml + HepG2 lysate

### Secondary

HRP conjugated anti-Rabbit IgG (1: 50,000-100,000)

**Predicted band size:** 27 kDa

**Observed band size:** 14 kDa



ab23450 at 4-8 µg/ml staining human Smac in kidney cells by immunohistochemistry (Paraffin embedded tissue). Epithelial cells of renal tubule (indicated with arrows).

Magnification 400x.

Immunohistochemistry (Formalin-fixed paraffin-embedded sections) - Smac antibody (ab23450)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

### **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 <http://www.abcam.cn/abpromise> or contact our technical team.

### **Terms and conditions**

---

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