

# Anti-Smac/Diablo antibody ab8114

**9 References**   **4 图像**

### 概述

产品名称	Anti-Smac/Diablo抗体
描述	兔多克隆抗体to Smac/Diablo
宿主	Rabbit
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Mouse, Human
免疫原	Peptide (EERAESEQEAYLRED) corresponding to amino acids 225 to 239 of humanSmac/DIABLO (1). <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>

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&amp;As</p>
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### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. Stable for 12 months at -20°C.
存储溶液	pH: 7.2 Preservative: 0.02% Sodium azide
纯度	DEAE-Chromatography
克隆	多克隆
同种型	IgG

### 应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab8114于以下的经测试应用

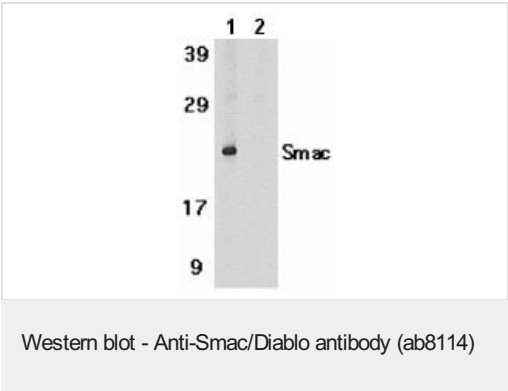
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		Use a concentration of 5 µg/ml.
WB		Use a concentration of 0.5 - 1 µg/ml. Predicted molecular weight: 25 kDa.

靶标

功能	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).
组织特异性	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.
结构域	The mature N-terminus mediates interaction with XIAP.
细胞定位	Mitochondrion. Released into the cytosol when cells undergo apoptosis.

图片



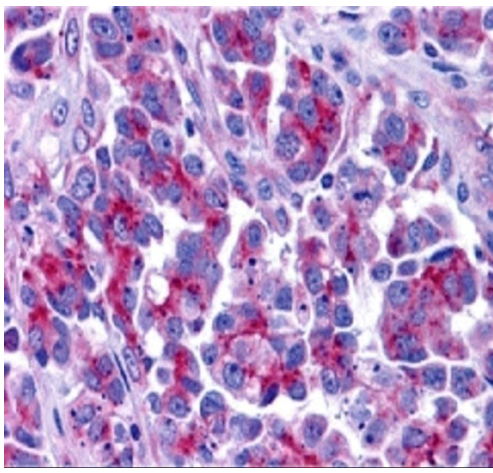
**All lanes :** Anti-Smac/Diablo antibody (ab8114) at 1 µg/ml

**Lane 1 :** human heart tissue lysate with absence of blocking peptide

**Lane 2 :** human heart tissue lysate with Smac / Diablo peptide ([ab8380](#))

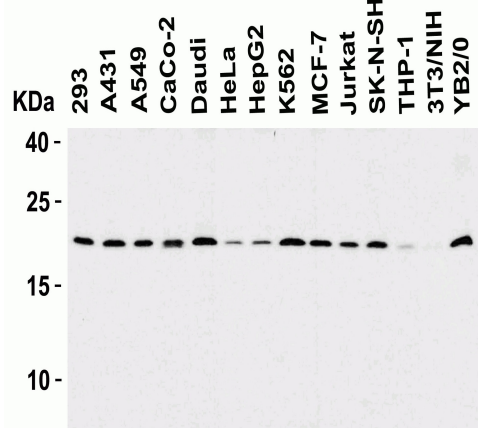
**Predicted band size:** 25 kDa

**Observed band size:** 25 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Smac/Diablo antibody (ab8114)

Immunohistochemical analysis of paraffin-embedded human ovary tissue with ab8114 at 5 µg/mL. Sections were fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4°C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.

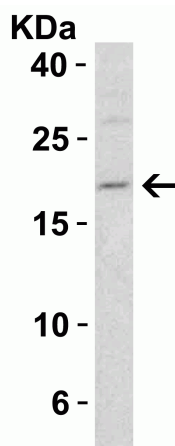


Western blot - Anti-Smac/Diablo antibody (ab8114)

All lanes : Anti-Smac / Diablo antibody (ab8114) at 1 µg/mL, 1h incubation at RT in 5% NFM/TBST.

Loading: 15 µg of lysates per lane.

Secondary: Goat anti-rabbit IgG HRP conjugate at 1/10000 dilution.



Western blot - Anti-Smac/Diablo antibody (ab8114)

Anti-Smac/Diablo antibody (ab8114) at 1 µg/ml + NIH3T3 cell lysate at 15 µg

#### Secondary

Goat anti-rabbit IgG HRP conjugate at 1/10000 dilution

**Predicted band size:** 25 kDa

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