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## OriGene Technologies GmbH

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## SP1309 Polyclonal Antibody to DIABLO / SMAC (222-237) - Aff - Purified

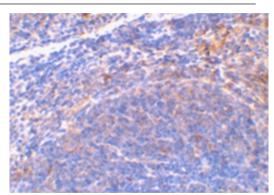
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Alternate names:	Diablo homolog mitochondrial, Direct IAP-binding protein with low pI, Second mitochondria-derived activator of caspase
Quantity:	0.1 mg
Concentration:	0.5 mg/ml
Background:	Inhibitors of apoptosis proteins (IAPs) block cell death by caspase inhibition. X-linked inhibitor of apoptosis (XIAP) is a member of the IAP family. Smac/DIABLO is expressed in a variety of tissues and has been identified as a negative regulator of XIAP.
Uniprot ID:	<u>09NR28</u>
NCBI:	<u>NP_063940.1</u>
GenelD:	<u>56616</u>
Host / Isotype:	Rabbit / IgG
Immunogen:	Synthetic peptide corresponding to amino acids 222-237 of Mouse Smac/DIABLO
Format:	State: Liquid purified IgG fraction Purification: Affinity Chromatography Buffer System: PBS Preservatives: 0.02% Sodium Azide
Applications:	Western blot: 1 µg/ml. Immunohistochemistry on Paraffin Sections: Requires antigen retrieval using heat treatment prior to staining of paraffin sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the C-terminal region of Smac/DIABLO. <b>Species:</b> Mouse, Human, Rat. Other species not tested.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	<ol> <li>Verhagen, A. M. et al (2001) Inhibitor of apoptosis proteins and their relatives; IAPs and other BIRPSs. Genome Biol. 2(7): Reviews 3009.</li> <li>Wu G, Chai J, Suber TL, Wu JW, Du C, Wang X, et al. Structural basis of IAP recognition by Smac/DIABLO. Nature. 2000 Dec 21-28;408(6815):1008-12. PubMed PMID: 11140638.</li> </ol>

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.

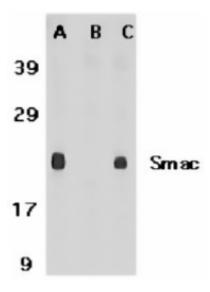
## **ORIGENE** SP1309: Polyclonal Antibody to DIABLO / SMAC (222-237) - Aff - Purified

**Pictures:** 

Imunohistochemical staining of mouse spleen with DIABLO / SMAC antibody Cat.-No SP1309.



Western blot analysis of Smac/DIABLO in mouse heart tissue lysate in the absence (A) or presence (B) of blocking peptide and in rat heart tissue lysate with DIABLO / SMAC antibody Cat.-No SP1309.



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