

Rabbit Smac Polyclonal Antibody | anti-Smac antibody

Smac Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301949	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

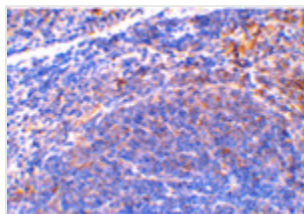
PRODUCT SYNONYMS

Smac; Polyclonal Antibody; Smac Antibody; DIABLO; mSmac; anti-Smac antibody

PRODUCT SPECIFICATIONS

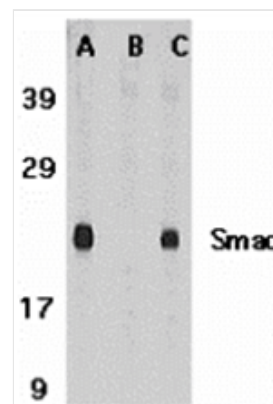
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	1356
Applicable Applications for anti-Smac antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids 222 to 237 of murine Smac/DIABLO.
Target Name	Smac
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical staining of mouse spleen tissue using Smac antibody at 2 ug/mL.



WB (Western Blot)

Western blot analysis of Smac in mouse heart tissue lysate in the absence (A) or presence (B) of blocking peptide and in rat heart tissue lysate with Smac antibody at 1 ug /ml.

ADDITIONAL INFORMATION

Related Product Information for anti-Smac antibody	The inhibitor of apoptosis proteins (IAPs) regulate programmed cell death by inhibiting members of the caspase family of enzymes. A novel mammalian protein that binds to IAPs and neutralizes the inhibitory effect of IAPs on caspases was recently identified and designated Smac/DIABLO. Smac/DIABLO is a mitochondrial protein that is released along with cytochrome c during apoptosis and activates cytochrome c/Apaf-1/capase-9 pathway. Analysis of the structural basis of Smac/DIABLO reveals that the N-terminal amino acids are required for binding of Smac/DIABLO to IAPs and activation of caspases. Smac/DIABLO is expressed in a variety of human and mouse tissues.
Product Categories/Family for anti-Smac antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	8953908
NCBI GeneID	66593
Molecular Weight	26,820 Da
NCBI Official Full Name	Mus musculus direct IAP binding protein with low PI mRNA, complete cds
NCBI Official Synonym Full Names	diablo homolog (Drosophila)
NCBI Official Symbol	Diablo
NCBI Official Synonym Symbols	Smac; AU040403; 0610041G12Rik; 1700006L01Rik
NCBI Protein Information	diablo homolog, mitochondrial
UniProt Protein Name	Diablo homolog, mitochondrial
UniProt Gene Name	Diablo
UniProt Synonym Gene Names	Smac; Smac
UniProt Entry Name	DBLOH_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/smac-antibody-immunohistochemistry-western-blot-elisa/301949>