

Rabbit Smac Polyclonal Antibody | anti-Smac antibody

Smac Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305302	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

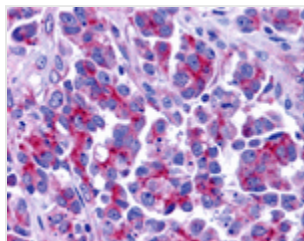
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

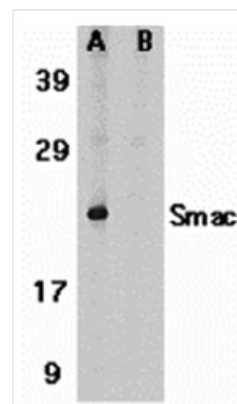
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	239
Applicable Applications for anti-Smac antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids 225 to 239 of human 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)

Immunohistochemistry of Smac/DIABLO in human ovary tissue with Smac antibody at 5 ug/mL.



WB (Western Blot)

Western blot analysis of Smac in human heart tissue lysate in the absence (A) or presence (B) of blocking peptide (2409P) 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 #	9454219
NCBI GeneID	56616
Molecular Weight	22,284 Da
NCBI Official Full Name	Smac
NCBI Official Synonym Full Names	diablo, IAP-binding mitochondrial protein
NCBI Official Symbol	DIABLO
NCBI Official Synonym Symbols	SMAC; DFNA64
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_HUMAN

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/smac-antibody-immunohistochemistry-western-blot-elisa/305302>