

Rabbit Smac Polyclonal Antibody | anti-Diablo antibody

Smac Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39754	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunohistochemistry, Western Blot, ELISA

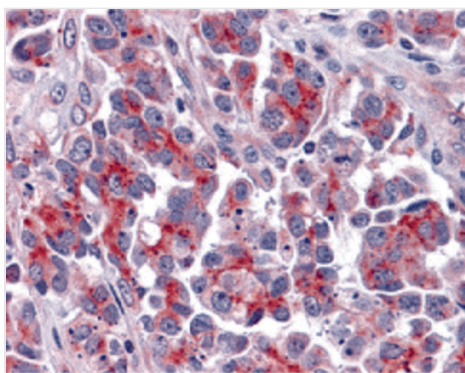
PRODUCT SYNONYMS

Smac; Polyclonal Antibody; Smac Antibody; AU040403; 0610041G12Rik; 1700006L01Rik; Diablo homolog; mitochondrial; Direct IAP-binding protein with low pI; diablo homolog (Drosophila); anti-Diablo antibody

PRODUCT SPECIFICATIONS

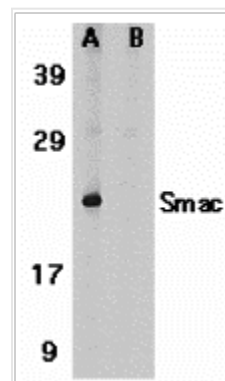
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Smac Antibody is DEAE purified.
Form/Format	Liquid
Sequence Length	1356
Applicable Applications for anti-Diablo antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Smac antibody was raised against a 15 amino acid peptide near the carboxy terminus of human Smac.
Buffer	Smac Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Smac antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to 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 µg/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 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-Diablo antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8953908
NCBI GeneID	66593
UniProt Accession #	Q9JIQ3; Q542V8; Q9CZD1; Q9DCD3
Molecular Weight	25 kDa
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; direct IAP binding protein with low PI; direct IAP-binding protein with low pl; second mitochondria-derived activator of caspase
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/smac-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/39754>