

Product datasheet for **TA306066**

Diablo Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, IP, WB
Recommended Dilution:	WB: 1 µg/mL; IHC: 5 µg/mL. Antibody validated: Western Blot in human, mouse and rat samples; Immunohistochemistry in human samples. All other applications and species not yet tested.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Smac antibody was raised against a peptide corresponding to amino acids 225 to 239 of human Smac/DIABLO .
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Smac Antibody is DEAE purified.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	diablo, IAP-binding mitochondrial protein
Database Link:	NP_063940 Entrez Gene 66593 Mouse Q9JIQ3



[View online »](#)

Background:

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 (1,2). Smac/DIABLO is a mitochondrial protein that is released along with cytochrome c during apoptosis and activates cytochrome c/Apaf-1/caspase-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 (3-6). Smac/DIABLO is expressed in a variety of human and mouse tissues (1,2).

Synonyms:

DFNA64; SMAC