

Anti-SMAC Rabbit pAb

Purified Rabbit Polyclonal Antibody

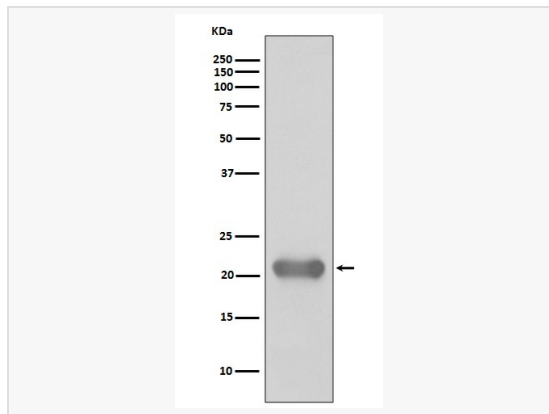
Catalog # P013420

Product Information

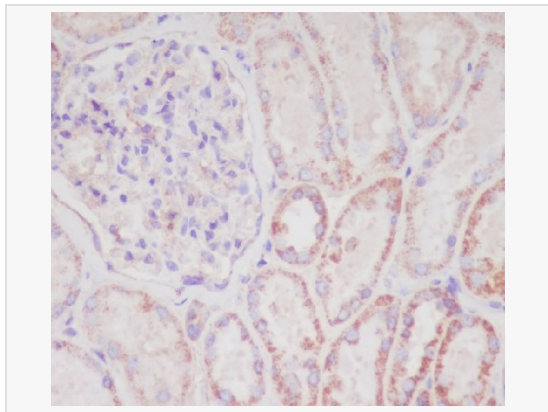
Application	WB, IHC-P/IF (Tissue-P), ICC/IF (Cell), IP, FC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20; FC 1:50~1:100
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Smac/Diablo
Format	Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification: Affinity Chromatography
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-SMAC antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	SMAC, DFNA64, DIABLO, SMAC3.
Calculated MW	Calculated MW: 27 kDa; Observed MW: 21 kDa
Uniprot ID	Q9NR28
Gene ID	56616
Background	Smac/Diablo is a 21 kDa mammalian mitochondrial protein that functions as a regulatory component during apoptosis. Upon mitochondrial stress, Smac/Diablo is released from mitochondria and competes with caspases for binding of IAPs (inhibitor of apoptosis proteins). The interaction of Smac/Diablo with IAPs relieves the inhibitory effect of the IAPs on caspases.



Western blot analysis of Smac/Diablo in Jurkat lysates using SMAC antibody.



Immunohistochemistry analysis of paraffin-embedded Human kidney using Smac/Diablo antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.