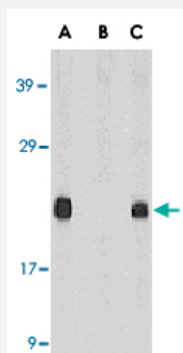


Diablo polyclonal antibody

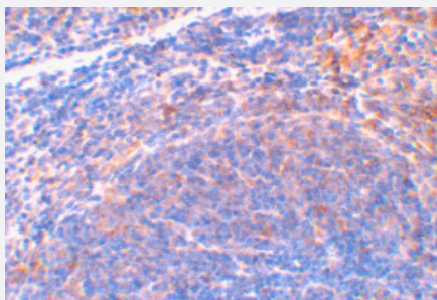
Catalog # PAB13090 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of Diablo in mouse heart tissue lysate in the absence (A) or presence (B) of blocking peptide and in rat heart tissue lysate (C) with Diablo polyclonal antibody (Cat # PAB13090) at 1 ug /mL .



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of mouse spleen tissue using Diablo polyclonal antibody (Cat # PAB13090) at 2 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of Diablo.
Immunogen	A synthetic peptide corresponding to amino acids 222-237 of mouse Diablo.
Sequence	SDEGADQEEEEAYLRED
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid

Recommend Usage	Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of Diablo in mouse heart tissue lysate in the absence (A) or presence (B) of blocking peptide and in rat heart tissue lysate (C) with Diablo polyclonal antibody (Cat # PAB13090) at 1 ug /mL .

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of mouse spleen tissue using Diablo polyclonal antibody (Cat # PAB13090) at 2 ug/mL .

Gene Info — Diablo

Entrez GeneID	66593
Protein Accession#	AF203914
Gene Name	Diablo
Gene Alias	0610041G12Rik, AU040403, Smac
Gene Description	diablo homolog (Drosophila)
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000031733 diablo direct IAP binding protein with low PI second mitochondria-derived activator of caspase

Publication Reference

- [Molecular determinants of the caspase-promoting activity of Smac/DIABLO and its role in the death receptor pathway.](#)

Srinivasula SM, Datta P, Fan XJ, Fernandes-Alnemri T, Huang Z, Alnemri ES.

The Journal of Biological Chemistry 2000 Nov; 275(46):36152.

- [Structural and biochemical basis of apoptotic activation by Smac/DIABLO.](#)

Chai J, Du C, Wu JW, Kyin S, Wang X, Shi Y.

Nature 2000 Aug; 406(6798):855.

- [Smac, a mitochondrial protein that promotes cytochrome c-dependent caspase activation by eliminating IAP inhibition.](#)

Du C, Fang M, Li Y, Li L, Wang X.

Cell 2000 Jul; 102(1):33.

Application: IF, WB-Ce, Human, HeLa cells