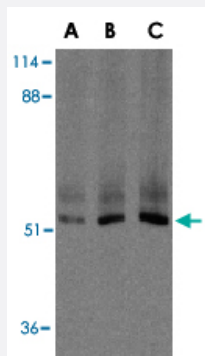


XIAP polyclonal antibody

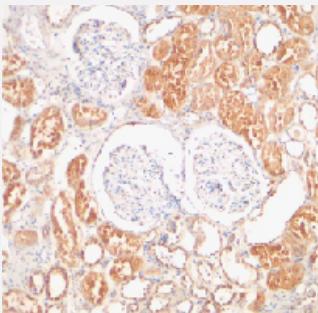
Catalog # PAB12923 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of XIAP in human kidney lysate with XIAP polyclonal antibody (Cat # PAB12923) at 0.5 (lane A), 1 (lane B), and 2 (lane C) ug/mL , respectively.



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

Immunohistochemical staining of human kidney tissue using XIAP polyclonal antibody (Cat # PAB12923) at 2 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of XIAP.
Immunogen	A synthetic peptide corresponding to C-terminus 13 amino acids of human XIAP.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	Anti-XIAP is human and mouse reactive.
Form	Liquid

Recommend Usage	Western Blot (0.5-2 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 up to one year. 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 XIAP in human kidney lysate with XIAP polyclonal antibody (Cat # PAB12923) at 0.5 (lane A), 1 (lane B), and 2 (lane C) ug/mL , respectively.

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

Immunohistochemical staining of human kidney tissue using XIAP polyclonal antibody (Cat # PAB12923) at 2 ug/mL .

Gene Info — XIAP

Entrez GeneID	331
Protein Accession#	NP_001158
Gene Name	XIAP
Gene Alias	API3, BIRC4, ILP1, MIHA, XLP2
Gene Description	X-linked inhibitor of apoptosis
Omim ID	300079 300635
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of a family of proteins which inhibit apoptosis through binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2. This protein inhibits apoptosis induced by menadione, a potent inducer of free radicals, and ICE. It also inhibits at least two members of the caspase family of cell-death proteases, caspase-3 and caspase-7. [provided by RefSeq]
Other Designations	OTTHUMP00000023975 OTTHUMP00000196392 apoptosis inhibitor 3 baculoviral IAP repeat-containing 4 baculoviral IAP repeat-containing protein 4

Publication Reference

- [Translational upregulation of X-linked inhibitor of apoptosis \(XIAP\) increases resistance to radiation induced cell death.](#)

Holcik M, Yeh C, Korneluk RG, Chow T.

Oncogene 2000 Aug; 19(36):4174.

Application: WB-Ce, WB-Tr, Human, H460, H520, H661, SKOV3 cells

- [Cleavage of human inhibitor of apoptosis protein XIAP results in fragments with distinct specificities for caspases.](#)

Deveraux QL, Leo E, Stennicke HR, Welsh K, Salvesen GS, Reed JC.

The EMBO Journal 1999 Oct; 18(19):5242.

Application: WB-Tr, Human, HEK 293T cells

- [X-linked IAP is a direct inhibitor of cell-death proteases.](#)

Deveraux QL, Takahashi R, Salvesen GS, Reed JC.

Nature 1997 Jul; 388(6639):300.

Application: WB-Ce, Human, 293T, Jurkat cells

Pathway

- [Apoptosis](#)
- [Focal adhesion](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)
- [Ubiquitin mediated proteolysis](#)

Disease

- [Arthritis](#)
- [Cardiovascular Diseases](#)
- [Common Variable Immunodeficiency](#)
- [Cryopyrin-associated Periodic Syndromes](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Familial Mediterranean Fever](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Immunologic Deficiency Syndromes](#)
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- [Mevalonate Kinase Deficiency](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Severe Combined Immunodeficiency](#)