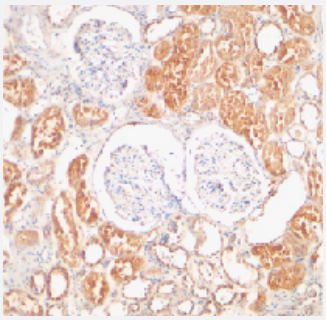
XIAP polyclonal antibody

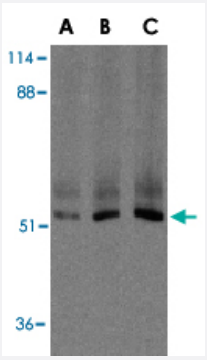
Catalog # PAB12923 Size 100 ug

Applications



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

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



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.

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

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Recommend Usage	Western Blot (0.5-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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

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

- 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.

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 thro ugh 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 inhibit s 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-c ontaining 4|baculoviral IAP repeat-containing protein 4

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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.

  Natrue 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

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- Diabetes Mellitus
- Edema
- Familial Mediterranean Fever
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Immunologic Deficiency Syndromes
- Lung Neoplasms
- Lymphoproliferative Disorders
- Mevalonate Kinase Deficiency
- Neoplasm Recurrence
- Neoplasms
- Severe Combined Immunodeficiency

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