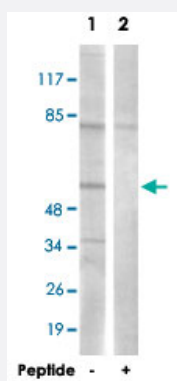


XIAP polyclonal antibody

Catalog # PAB18234 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from 293 cells, using XIAP polyclonal antibody (Cat # PAB18234).

Peptide "+" means "peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of XIAP.
Immunogen	A synthetic peptide corresponding to residues surrounding S87 of human XIAP.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody is specific to XIAP.
Form	Liquid
Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:100) ELISA (1:20000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)

Storage Instruction

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 (Cell lysate)

Western blot analysis of extracts from 293 cells, using XIAP polyclonal antibody (Cat # PAB18234).

Peptide "+" means "peptide blocking".

- Immunohistochemistry

- Enzyme-linked Immunoabsorbent Assay

Gene Info — XIAP

Entrez GeneID[331](#)**Protein Accession#**[P98170](#)**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

- [XIAP activity dictates Apaf-1 dependency for caspase 9 activation.](#)

Ho AT, Li QH, Okada H, Mak TW, Zacksenhaus E.

Molecular and Cellular Biology 2007 Aug; 27(16):5673.

Application: WB-Ce, Mouse, Fibroblasts, Myoblasts

- [Hypermethylation of XIAP-associated factor 1, a putative tumor suppressor gene from the 17p13.2 locus, in human gastric adenocarcinomas.](#)

Byun DS, Cho K, Ryu BK, Lee MG, Kang MJ, Kim HR, Chi SG.

Cancer Research 2003 Nov; 63(21):7068.

- [XIAP-mediated caspase inhibition in Hodgkin's lymphoma-derived B cells.](#)

Kashkar H, Haefs C, Shin H, Hamilton-Dutoit SJ, Salvesen GS, Kronke M, Jurgensmeier JM.

The Journal of Experimental Medicine 2003 Jul; 198(2):341.

Application: IHC-P, WB-Ce, Human, L1236, L591, L428, KMH2, L1309 cells, Hodgkin's lymphoma

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](#)
- [Lung Neoplasms](#)
- [Lymphoproliferative Disorders](#)
- [Mevalonate Kinase Deficiency](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Severe Combined Immunodeficiency](#)