

## XIAP Polyclonal Antibody

Catalog number: 10037-1-Ig

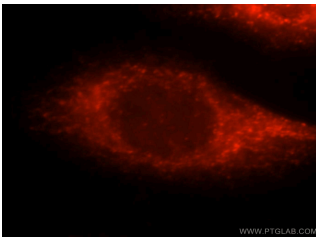
Size: 42 µg/150 µl

Source: Rabbit

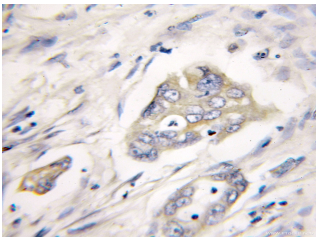
Isotype: IgG

Synonyms:

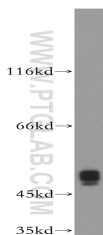
XIAP; API3, BIRC4, hIAP 3, hIAP3, hILP, IAP 3, IAP like protein, IAP3, ILP, ILP1, MIHA, X linked IAP, XIAP, XLP2



Immunofluorescent analysis of MCF-7 cells, using XIAP antibody 10037-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical of paraffin-embedded human pancreas cancer using 10037-1-Ig(XIAP antibody) at dilution of 1:200 (under 40x lens)



HepG2 cells were subjected to SDS PAGE followed by western blot with 10037-1-Ig(XIAP antibody) at dilution of 1:1000

### Background

XIAP, also named as API3, BIRC4 and IAP3, belongs to the IAP family. It has E3 ubiquitin-protein ligase activity. It mediates the proteasomal degradation of target proteins, such as caspase-3, SMAC or AIFM1. XIAP is an inhibitor of caspase-3, -7 and -9. It mediates activation of MAP3K7/TAK1, leading to the activation of NF-kappa-B. XIAP is an apoptotic suppressor. It is ubiquitinated and degraded by the proteasome in apoptotic cells. The MW of XIAP is 45-56 kDa.

### Applications

<b>Tested applications:</b>	ELISA, WB, IHC, IF
<b>Cited applications:</b>	IHC, WB
<b>Species specificity:</b>	Human, Rat; other species not tested.
<b>Cited species:</b>	Human
<b>Calculated XIAP MW:</b>	60 kDa
<b>Observed XIAP MW:</b>	45-57 kDa
<b>Positive WB detected in</b>	HepG2 cells, C6 cells, COLO 320 cells, Jurkat cells
<b>Positive IHC detected in</b>	Human pancreas cancer tissue
<b>Positive IF detected in</b>	MCF-7 cells
<b>Recommended dilution:</b>	WB: 1:500-1:5000
	IHC: 1:20-1:200
	IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

<b>Immunogen:</b>	Ag0022
<b>GenBank accession number:</b>	BC032729
<b>Gene ID (NCBI):</b>	331
<b>Full name:</b>	X-linked inhibitor of apoptosis

### Product information

<b>Purification method:</b>	Protein A purification
<b>Storage:</b>	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.