

For Research Use Only

XIAP Polyclonal antibody

Catalog Number: 23453-1-AP **4 Publications**



Basic Information

Catalog Number: 23453-1-AP	GenBank Accession Number: BC032729	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 330 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 331	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:500-1:2000 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: P98170	
Isotype: IgG	Full Name: X-linked inhibitor of apoptosis	
Immunogen Catalog Number: AG0725	Calculated MW: 60 kDa	
	Observed MW: 45-50 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Cited Applications:
WB, IHC, IF

Species Specificity:
human, mouse, rat

Cited Species:
human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, C6 cells, Tunicamycin treated HepG2 cells, HEK-293 cells, NIH/3T3 cells

IHC : human colon tissue, human kidney tissue

IF/ICC : HeLa cells,

Background Information

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 45-56kd.

Notable Publications

Author	Pubmed ID	Journal	Application
Ruqi Jiang	34480971	Cancer Lett	WB,IHC
Samantha J Krysa	35693822	Front Immunol	WB
Li Jing	36549449	Environ Pollut	WB

Storage

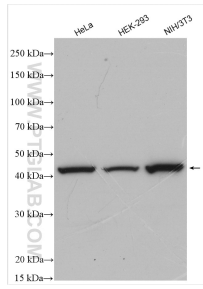
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

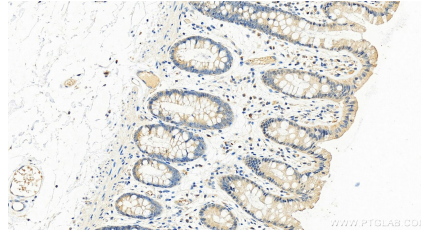
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

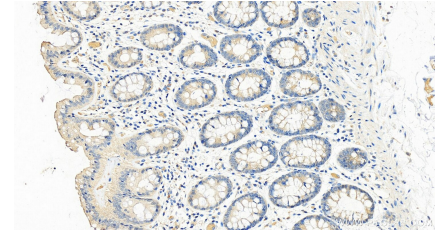
Selected Validation Data



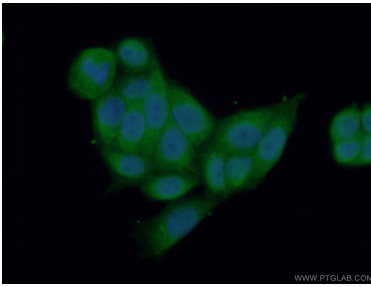
Various lysates were subjected to SDS PAGE followed by western blot with 23453-1-AP (XIAP antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human normal colon slide using 23453-1-AP (XIAP antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human normal colon slide using 23453-1-AP (XIAP antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 23453-1-AP (XIAP antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).