

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: 330 µg/ml	GeneID (NCBI): 331	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500 IF 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: IF/ICC, IHC, WB, ELISA	Positive Controls: WB : HeLa cells, C6 cells, Tunicamycin treated HepG2 cells, HEK-293 cells, NIH/3T3 cells
Cited Applications: WB, IF, IHC	IHC : human colon tissue, human kidney tissue
Species Specificity: human, rat, mouse	IF : HeLa cells,
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	

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

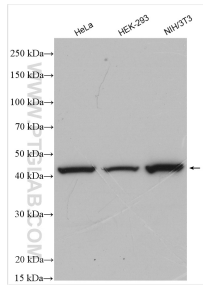
Storage

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

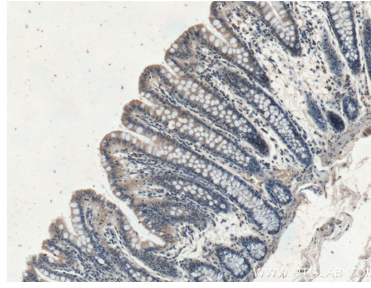
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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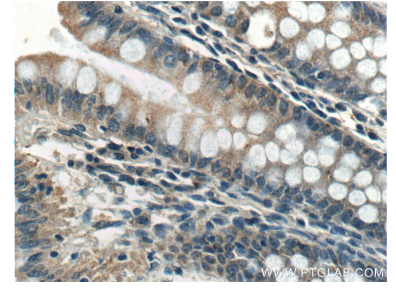
Selected Validation Data



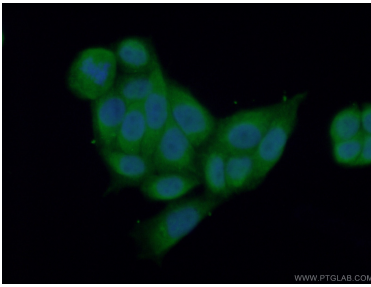
Various lysates were subjected to SDS PAGE followed by western blot with 23453-1-AP (XIAP antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 23453-1-AP (XIAP antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 23453-1-AP (XIAP antibody) at dilution of 1:200 (under 40x lens).



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).