

For Research Use Only

XIAP Polyclonal antibody

Catalog Number: 10037-1-Ig

Featured Product

40 Publications



Basic Information

Catalog Number:

10037-1-Ig

Size:

150ul , Concentration: 450 µg/ml by Nanodrop and 280 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0022

GenBank Accession Number:

BC032729

GeneID (NCBI):

331

UNIPROT ID:

P98170

Full Name:

X-linked inhibitor of apoptosis

Calculated MW:

60 kDa

Observed MW:

45-57 kDa

Purification Method:

Protein A purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, rat, mouse

Cited Species:

human, mouse

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 : RAW 264.7 cells, Jurkat cells, HepG2 cells, COLO 320 cells, HeLa cells, C6 cells, NIH/3T3 cells, Raji cells

IHC : human pancreas cancer tissue,

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 45-56 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Geyan Wu	30254148	Cancer Res	IHC
Hongtao Duan	29151915	Oncol Lett	WB
Jian Zheng	26231038	Oncotarget	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

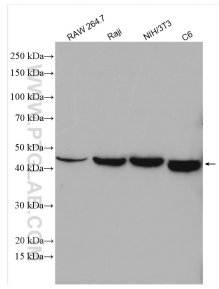
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

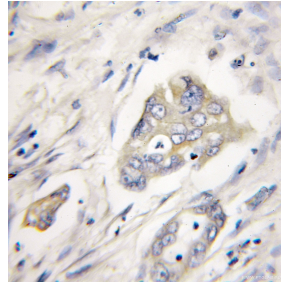
E: proteintech@ptglab.com
W: ptglab.com

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 10037-1-Ig (XIAP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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