

For Research Use Only

XIAP Polyclonal antibody

Catalog Number:10037-1-Ig

Featured Product

43 Publications



Basic Information

Catalog Number:

10037-1-Ig

Size:

1000 µg/ml

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

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

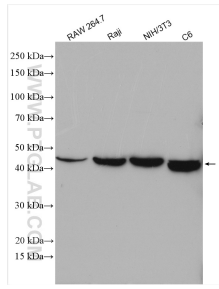
T: 4006900926

E: Proteintech-CN@ptglab.com

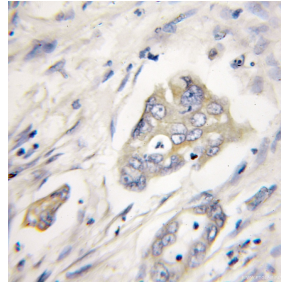
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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).