

[KO Validated] XIAP Rabbit pAb

Catalog No.: A6869 **KO** **Validated** **3 Publications**

Basic Information

Catalog No.

A6869

Observed MW

54kDa

Calculated MW

56kDa

Category

Primary antibody

Applications

WB,IHC,IF

Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:100
IF	1:50 - 1:100

Contact

 | www.abclonal.com

Background

This gene encodes a protein that belongs to a family of apoptotic suppressor proteins. Members of this family share a conserved motif termed, baculovirus IAP repeat, which is necessary for their anti-apoptotic function. This protein functions through binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2 and inhibits apoptosis induced by menadione, a potent inducer of free radicals, and interleukin 1-beta converting enzyme. This protein also inhibits at least two members of the caspase family of cell-death proteases, caspase-3 and caspase-7. Mutations in this gene are the cause of X-linked lymphoproliferative syndrome. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 2 and 11.

Immunogen Information

Gene ID	Swiss Prot
331	P98170

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human XIAP (NP_001158.2).

Synonyms

XIAP;API3;BIRC4;IAP-3;ILP1;MIHA;XLP2;hIAP-3;hIAP3

Product Information

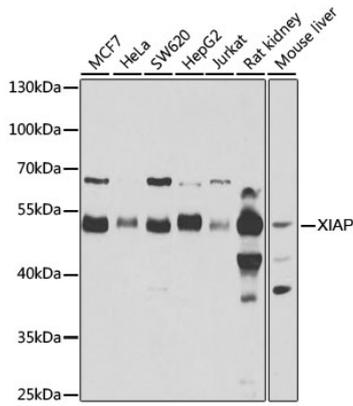
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

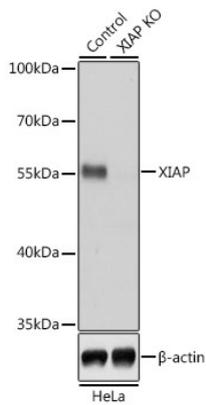
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

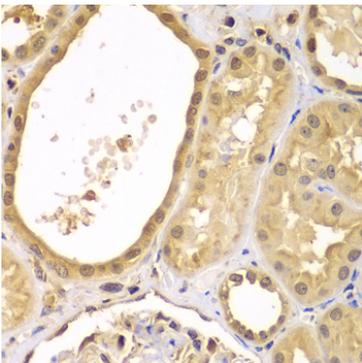
Validation Data



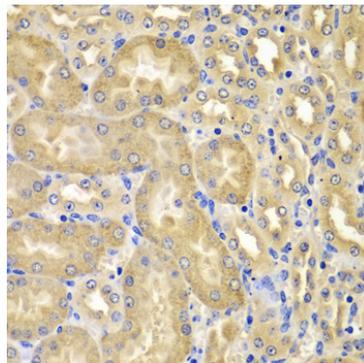
Western blot analysis of extracts of various cell lines, using XIAP antibody (A6869) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



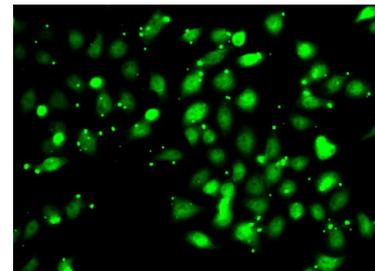
Western blot analysis of extracts from normal (control) and XIAP knockout (KO) HeLa cells, using XIAP antibody (A6869) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.



Immunohistochemistry of paraffin-embedded human kidney using XIAP antibody (A6869) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using XIAP antibody (A6869) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of MCF7 cells using XIAP antibody (A6869).