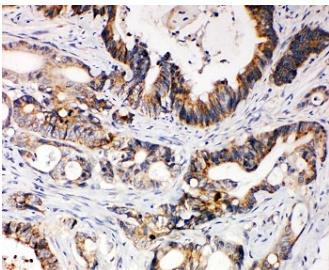


XIAP Antibody (R30585)

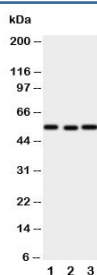
Catalog No.	Formulation	Size
R30585	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P98170
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
Limitations	This XIAP antibody is available for research use only.



IHC-P: XIAP antibody testing of human intestinal cancer tissue



Western blot testing of XIAP antibody and Lane 1: SMMC-7721; 2: HeLa; 3: A431 cell lysate. Expected/observed molecular weight ~57 kDa.

Description

BIRC4, baculoviral IAP repeat-containing protein 4 is also known as X-linked inhibitor of apoptosis protein, or XIAP. The BIRC4 gene comprises 6 exons. This gene is mapped to chromosome Xq25. 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. XIAP 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.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the XIAP antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the N-terminus of human XIAP (ADINKEEEFVVEEFNRLKTFAN) was used as the immunogen for this XIAP antibody.

Storage

After reconstitution, the XIAP antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.