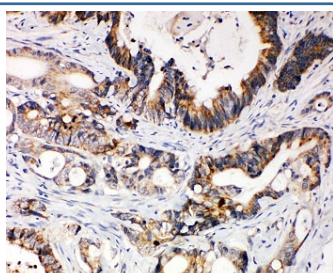


XIAP Antibody (R30585)

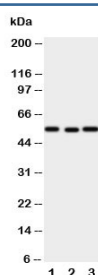
Catalog No.	Formulation	Size
R30585	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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 (ADINKEEEFVEEFNRLKTFAN) was used as the immunogen for this XIAP antibody.

Storage

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