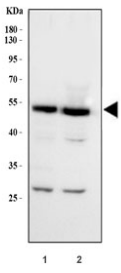
XIAP Antibody / IAP3 (R32372)

Catalog No.	Formulation	Size
R32372	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
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
UniProt	P98170
Applications	Western blot: 0.5-1ug/ml
Limitations	This XIAP antibody is available for research use only.



Western blot testing of human 1) HeLa and 2) 293T cell lysate with XIAP antibody. Expected molecular weight ~57 kDa.

Description

XIAP, also known as IAP3 or BIRC4, is a protein that stops apoptotic cell death. It 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. 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.

Application Notes

Optimal dilution of the XIAP antibody should be determined by the researcher.

Immunogen

Amino acids A15-V244 were used as the immunogen for the 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.

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