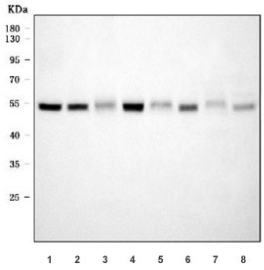
XIAP Antibody [clone 3G2G1] (RQ7315)

Catalog No.	Formulation	Size
RQ7315	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	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	3G2G1
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P98170
Applications	Western blot: 0.5-1ug/ml
Limitations	This XIAP antibody is available for research use only.



Western blot testing of 1) human HeLa, 2) human MCF7, 3) human PANC-1, 4) human U-87 MG, 5) rat heart, 6) rat testis, 7) mouse heart and 8) mouse testis tissue 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

Recombinant human protein (amino acids A15-V244) was 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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