

Anti-XIAP Rabbit pAb



WL03561

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-XIAP Rabbit pAb
Source	Rabbit
Species reactivity	Human, Mouse, Rat
Tested applications	Western blot 1:500-1:1000 <i>*Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.</i>
Molecular Wt.	60 kDa
Pack size	50/100/200/500/1000μl
Storage	Store at -20°C. Avoid freeze/thaw cycles.
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide

General Information

Background

XIAP is a member of the family of inhibitor of apoptosis proteins (IAP). Overexpression of IAP family members, particularly survivin and livin, in cancer cell lines and primary tumors suggests an important role for these proteins in cancer progression. XIAP inhibits activated caspase-3, leading to the resistance of FAS-mediated apoptosis. XIAP is highly characterized with respect to its structure and biochemical mechanisms, and has received interest as a therapeutic target. In addition, binding of IAP family members to the mitochondrial protein Smac blocks their interaction with caspase-9, thereby allowing the processing and activation of the caspase.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of XIAP.

Purification

Polyclonal antibody was purified by immunogen affinity chromatography.

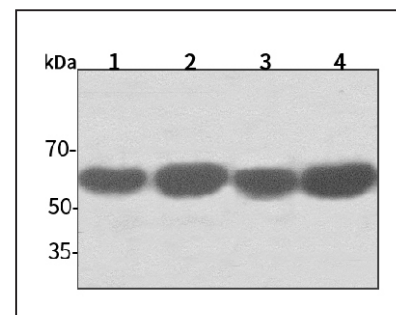
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Product Images



Western blot-Anti-XIAP pAb

Lane 1: Human HepG2 cell lysate 30μg

Lane 2: Human Hela cell lysate 30μg

Lane 3: Human BGC-823 cell lysate 30μg

Lane 4: Human MGC-803 cell lysate 30μg

Separation gel: 10% polyacrylamide

Electrophoresis: 100V, 4°C, 3h

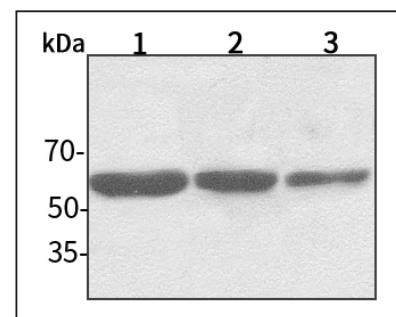
Transmembrane: 100V, 4°C, 1h

Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking

Primary antibody: 1:500 in blocking buffer, 4°C, overnight

Secondary antibody (WLA023a) : 1:5000-1:10000, 45min

Detection: ECL, 30s-2min



Western blot-Anti-XIAP pAb

Lane 1: Mouse heart tissue lysate 30μg

Lane 2: Mouse kidney tissue lysate 30μg

Lane 3: Rat liver tissue lysate 30μg

Separation gel: 10% polyacrylamide

Electrophoresis: 100V, 4°C, 3h

Transmembrane: 100V, 4°C, 1h

Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking

Primary antibody: 1:500 in blocking buffer, 4°C, overnight

Secondary antibody (WLA023a) : 1:5000-1:10000, 45min