

## Anti-XIAP Rabbit pAb



WL03561

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-XIAP Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	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>	
<b>Molecular Wt.</b>	55 kDa	
<b>Pack size</b>	50/100/200/500/1000µl	
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
<b>Storage buffer</b>	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.

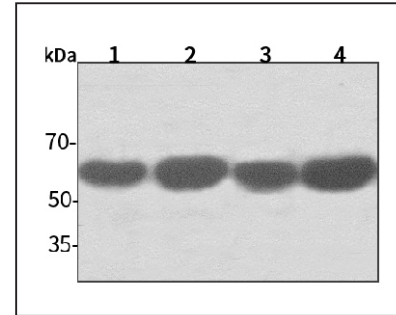
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## Product Images



## 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

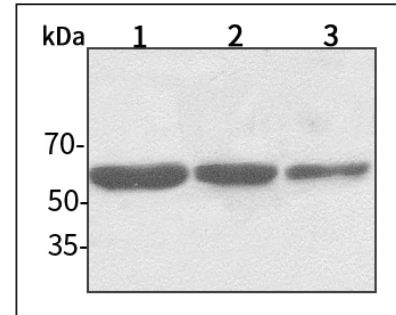
**Transmembrane:** 100V, 4°C, 1h

**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