Product **Datasheet**

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	WB	1:500-1:1000
	IHC	1:50-1:200
Molecular Wt.	60 kDa	
Cellular localization	Cytoplasm, Nucleus	
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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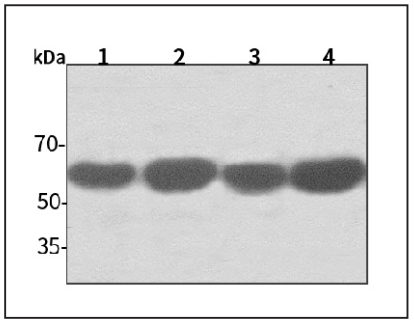
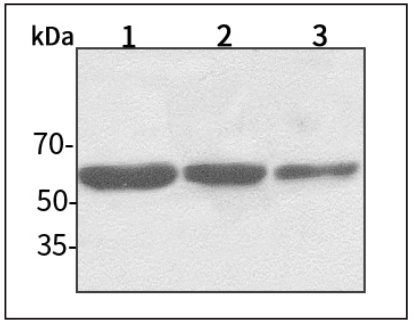
Product Images



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
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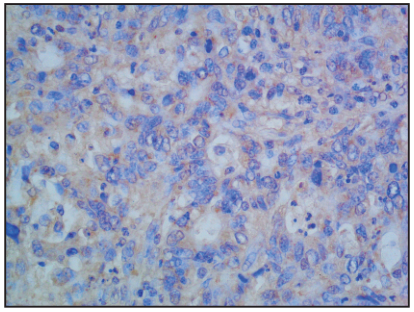

Immunohistochemistry-Anti-XIAP pAb

Immunohistochemical analysis of paraffin-embedded human colon cancer using anti-XIAP Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

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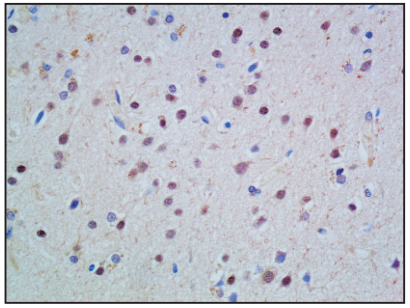
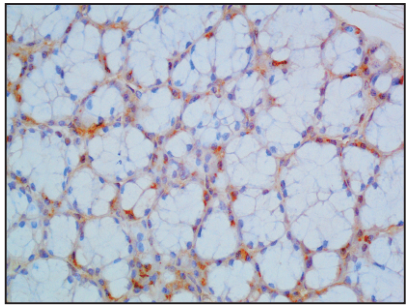


Immunohistochemistry-Anti-XIAP pAb

Immunohistochemical analysis of paraffin-embedded human brain glioma using anti-XIAP Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-XIAP pAb

Immunohistochemical analysis of paraffin-embedded rat salivary gland using anti-XIAP Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0