

## Product datasheet for **TA392626S**

### XIAP Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:5000~1:10000 IP:1:2000~1:8000
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human XIAP.
Specificity:	XIAP polyclonal antibody detects endogenous levels of XIAP protein.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 60 kDa
Gene Name:	X-linked inhibitor of apoptosis
Database Link:	<a href="#">Entrez Gene 331 Human P98170</a>
Background:	<p>The inhibitor of apoptosis protein (IAP) family consists of an evolutionarily conserved group of apoptosis inhibitors containing a conserved 70 amino acid BIR (baculovirus inhibitor repeat) domain. Human members of this family include c-IAP1, c-IAP2, XIAP, survivin, livin, and NAIP. 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. In general, the IAP proteins function through direct interactions to inhibit the activity of several caspases, including caspase-3, caspase-7, and caspase-9. 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.</p>

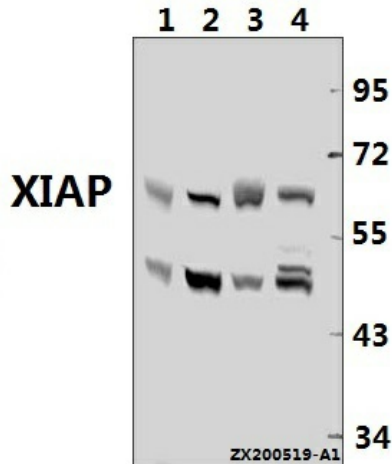


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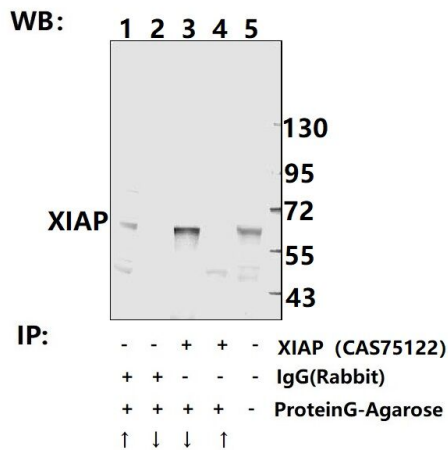
**Synonyms:** API3; Baculoviral IAP repeat-containing protein 4; BIRC4; E3 ubiquitin-protein ligase XIAP; hIAP-3; hIAP3; hILP; IAP-3; IAP-like protein; IAP3; ILP; Inhibitor of apoptosis protein 3; RING-type E3 ubiquitin transferase XIAP; X-linked IAP; X-linked inhibitor of apoptosis protein; XIAP

**Note:** For research use only, not for use in diagnostic procedure.

**Product images:**



Western blot (WB) analysis of XIAP polyclonal antibody at 1:5000 dilution Lane1:H9C2 whole cell lysate(40ug) Lane2:AML-12 whole cell lysate(40ug) Lane3:MCF-7 whole cell lysate(40ug) Lane4:HepG2 whole cell lysate(40ug)



Immunoprecipitation - XIAP Polyclonal Antibody