

## Product datasheet for **TA351943**

### **XIAP Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human placenta tissue lysate IHC: 50-200 Positive control: Human tonsil Predicted cell location: Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human XIAP
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	57 kDa
Gene Name:	X-linked inhibitor of apoptosis
Database Link:	<a href="#">NP_001158</a> <a href="#">Entrez Gene 11798 Mouse</a> <a href="#">Entrez Gene 63879 Rat</a> <a href="#">Entrez Gene 331 Human</a> <a href="#">P98170</a>

**Background:** 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.



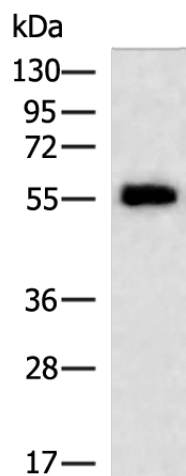
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**Synonyms:** API3; BIRC4; hIAP-3; hIAP3; IAP-3; ILP1; MIHA; XLP2

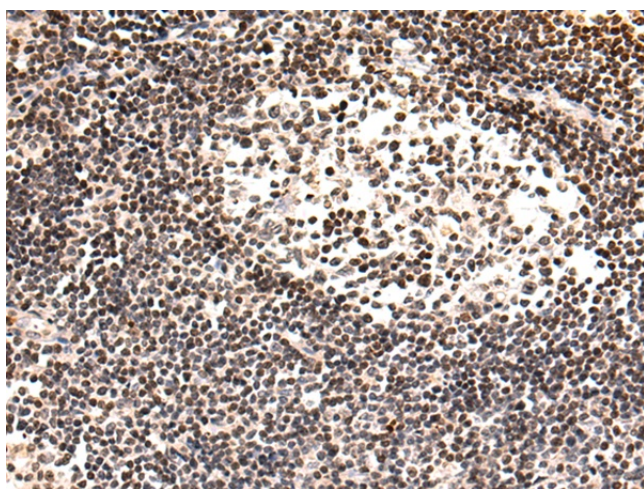
**Protein Families:** Druggable Genome

**Protein Pathways:** Apoptosis, Focal adhesion, NOD-like receptor signaling pathway, Pathways in cancer, Small cell lung cancer, Ubiquitin mediated proteolysis

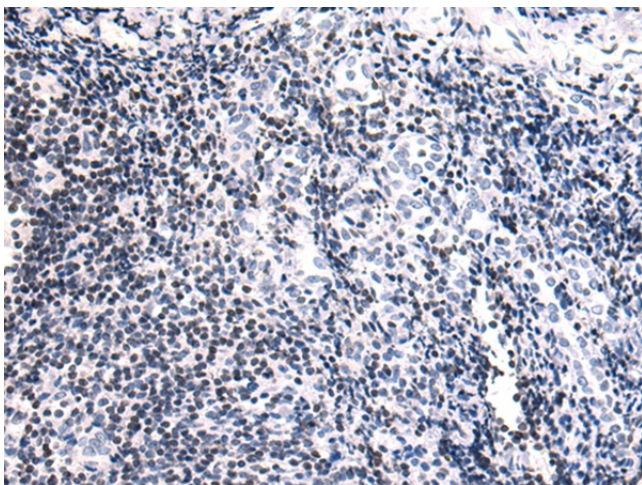
### Product images:



Gel: 8%SDS-PAGE  
Lysate: 40 µg  
Lane: Human placenta tissue lysate  
Primary antibody: TA351943 (XIAP Antibody) at dilution 1/600  
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution  
Exposure time: 1 minute



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA351943 (XIAP Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA351943 (XIAP Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)