

## Datasheet for ABIN6700887 **XIAP Protein (GST tag)**



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### Overview

Quantity:	20 µg
Target:	XIAP
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This XIAP protein is labelled with GST tag.
Application:	Western Blotting (WB)

### Product Details

Purpose:	XIAP recombinant protein-GST fusion protein
Purification:	Recombinant full-length human XIAP was expressed by baculovirus in Sf9 insect cells using a C-terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >70% by densitometry.
Purity:	>70%

### Target Details

Target:	XIAP
Alternative Name:	XIAP ( <a href="#">XIAP Products</a> )
Background:	Synonyms: API3, ILP1, MIHA, XLP2, BIRC4, E3 ubiquitin-protein ligase XIAP Background: XIAP is a member of a family of proteins which inhibit apoptosis and act as mammalian cell-death suppressors. XIAP inhibits at least 2 members of the caspase family of

## Target Details

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cell-death proteases, caspase-3 and caspase-7 (1). In addition, XIAP inhibits apoptosis induced by menadione, a potent inducer of free radicals, and ICE. Furthermore, XIAP can mediate protection of cells from apoptosis by utilizing both a JNK1 activation pathway that involves ILPIP and a caspase inhibition pathway that is independent of ILPIP (2). Disruption of the XIAP gene in human colon cancer cells can enhance sensitivity of these cells to exogenously added TRAIL suggesting that XIAP is a nonredundant modulator of TRAIL-mediated apoptosis. XIAP Protein is ideal for investigators involved in Signaling Proteins, Apoptosis Proteins, Apoptosis/Autophagy, Cancer, Inflammation, and Neurobiology research.

NCBI Accession: [NM\\_001167](#)

Pathways: [Apoptosis, Caspase Cascade in Apoptosis, Transition Metal Ion Homeostasis](#)

## Application Details

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Application Notes: Western\_Blot\_Dilution: User Optimized  
Application\_Note: XIAP Protein is suitable for use in Western Blot. Expect a band approximately ~84 kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 0.2 µg/µL

Buffer: XIAP Protein is stored in 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 25 % glycerol.

Storage: -80 °C

Storage Comment: Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

Expiry Date: 12 months