

XIAP (Phospho-Ser87) Antibody

Catalog No: #11956

Package Size: #11956-1 50ul #11956-2 100ul

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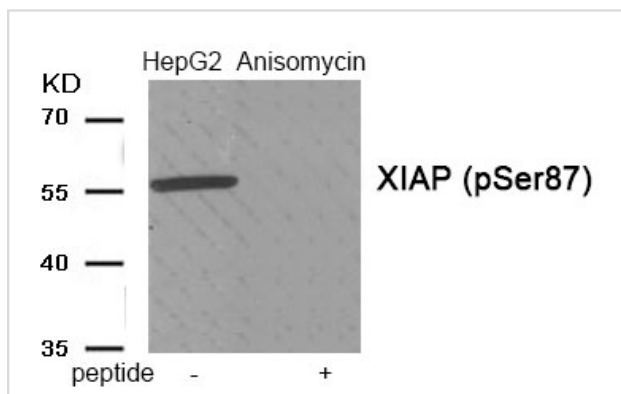
Description

Product Name	XIAP (Phospho-Ser87) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of XIAP only when phosphorylated at serine 87.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine87(K-V-S(p)-P-N) derived from Human XIAP .
Target Name	XIAP
Modification	Phospho
Other Names	API3; BIR4; BIRC4; IAP3; X-linked IAP
Accession No.	Swiss-Prot#: P98170; NCBI Gene#: 331; NCBI Protein#: NP_001158.2
SDS-PAGE MW	57kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from HepG2 cells treated with Anisomycin using Phospho-XIAP (Ser87) antibody #11956. The lane on the right is treated with the antigen-specific peptide.

Background

Multi-functional protein which regulates not only caspases and apoptosis, but also modulates inflammatory signaling and immunity, copper homeostasis, mitogenic kinase signaling, cell proliferation, as well as cell invasion and metastasis. Acts as a direct caspase inhibitor. Directly bind to the active site pocket of CASP3 and CASP7 and obstructs substrate entry. Inactivates CASP9 by keeping it in a monomeric, inactive state.

Huang X, Wu Z, Mei Y, Wu M (2013)EMBO J 32, 2204-16.

Bornhauser BC, et al. (2007) Blood 110,

2084-91.Dan HC, et al. (2004)J Biol Chem 279, 5405-12.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.