antibodies -online.com









Go to i roduct page

Overviev	٧

Quantity:	100 μL
Target:	XIAP
Binding Specificity:	AA 1-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XIAP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)
Due duet Deteile	

Product Details

Immunogen:	Recombinant Human E3 ubiquitin-protein ligase XIAP protein (1-200AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	XIAP
Alternative Name:	XIAP (XIAP Products)
Background:	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. Acts as an E3 ubiquitinprotein ligase regulating NF-kappa-B signaling and the target proteins for its E3 ubiquitinprotein ligase activity include: RIPK1, CASP3, CASP7, CASP8, CASP9, MAP3K2/MEKK2, DIABLO/SMAC, AIFM1, CCS and BIRC5/survivin. Ubiquitinion of CCS leads to enhancement of its chaperone activity toward its physiologic target, SOD1, rather than proteasomal degradation. Ubiquitinion of MAP3K2/MEKK2 and AIFM1 does not lead to proteasomal degradation. Plays a role in copper homeostasis by ubiquitinationg COMMD1 and promoting its proteasomal degradation. Can also function as E3 ubiquitin-protein ligase of the NEDD8 conjugation pathway, targeting effector caspases for neddylation and inactivation. Regulates the BMP signaling pathway and the SMAD and MAP3K7/TAK1 dependent pathways leading to NFkappa-B and JNK activation. Acts as an important regulator of innate immune signaling via regulation of Nodlike receptors (NLRs). Protects cells from spontaneous formation of the ripoptosome, a large multi-protein complex that has the capability to kill cancer cells in a caspase-dependent and caspase-independent manner. Suppresses ripoptosome formation by ubiquitinating RIPK1 and CASP8. Acts as a positive regulator of Wnt signaling and ubiquitinates TLE1, TLE2, TLE3, TLE4 and AES. Ubiquitination of TLE3 results in inhibition of its interaction with TCF7L2/TCF4 thereby allowing efficient recruitment and binding of the transcriptional coactivator beta-catenin to TCF7L2/TCF4 that is required to initiate a Wnt-specific transcriptional program.

Aliases: AP 13 antibody, API3 antibody, Apoptosis Inhibitor 3 antibody, Baculoviral IAP repeat containing 4 antibody, Baculoviral IAP Repeat Containing Protein 4 antibody, Baculoviral IAP repeat-containing protein 4 antibody, BIRC 4 antibody, BIRC4 antibody, E3 ubiquitin-protein ligase XIAP antibody, hIAP-3 antibody, hIAP3 antibody, HILP antibody, IAP 3 antibody, IAP like protein antibody, IAP-3 antibody, IAP-like protein antibody, IAP3 antibody, ILP 1 antibody, ILP antibody, ILP1 antibody, Inhibitor of apoptosis protein 3 antibody, Inhibitor of Apoptosis X Linked antibody, Mammalian IAP Homologue A antibody, MIHA antibody, X linked IAP antibody, X linked inhibitor of apoptosis antibody, X linked inhibitor of apoptosis protein antibody, X-linked IAP antibody, x-linked inhibitor of apoptosis proteins antibody, X-linked inhibitor of apoptosis protein antibody, Xiap antibody, XIAP_HUMAN antibody, XLP2 antibody

UniProt:

P98170

Pathways:

Apoptosis, Caspase Cascade in Apoptosis, Transition Metal Ion Homeostasis

Application Details

Application Notes:	Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

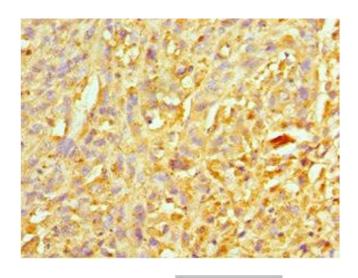
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

should be handled by trained staff only.

Storage: -20 °C,-80 °C

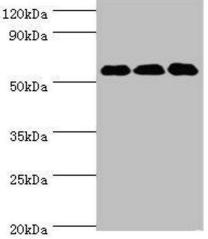
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



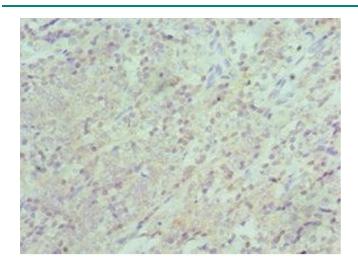
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human melanoma using ABIN7151313 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: XIAP antibody at $3 \mu g/mL$ Lane 1: HepG2 whole cell lysate Lane 2: MCF-7 whole cell lysate Lane 3: PC-3 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 57 kDa Observed band size: 57 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7151313 at dilution of 1:100