



[Go to Product page](#)

Datasheet for ABIN6990458
anti-BIRC2 antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	BIRC2
Binding Specificity:	AA 540-590, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BIRC2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Anti-cIAP antibody was raised against a peptide corresponding to 14 amino acids near the carboxy terminus of human cIAP. c-IAP antibody detects both c-IAP1 and c-IAP2. The immunogen is located within amino acids 540-590 of cIAP.
Isotype:	IgG
Purification:	cIAP Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	BIRC2
Alternative Name:	cIAP (BIRC2 Products)
Background:	CIAP Antibody: Apoptosis, or programmed cell death, is related to many diseases, such as

Target Details

cancer. Apoptosis is triggered by a variety of stimuli including members in the TNF family and can be prevented by the inhibitor of apoptosis (IAP) proteins. IAP proteins form a conserved gene family that binds to and inhibits cell death proteases. The two isoforms of c-IAP (c-IAP1 and c-IAP2) are structurally related to XIAP, containing 3 baculoviral IAP repeat (BIR) motifs that are essential and sufficient for the binding and inhibition of caspases-3, -7. The c-IAPs can associate with the death receptor TNF-R2, and mediate the ubiquitination of TRAF2 following the binding of TNF- α , by its receptor. Omi, a negative regulator of c-IAP, inhibits its activity by catalytically cleaving c-IAP. Another negative regulator, Smac/DIABLO, acts by enhancing the auto-ubiquitization activity of c-IAP.

Molecular Weight: Predicted: 70kD
Observed: 70kD kDa

Gene ID: 329

NCBI Accession: [NP_001157](#)

UniProt: [Q13490](#)

Pathways: [Apoptosis, Caspase Cascade in Apoptosis, Activation of Innate immune Response, Toll-Like Receptors Cascades](#)

Application Details

Application Notes: WB: 1-4 μ g/mL, IHC: 10 μ g/mL, IF: 20 μ g/mL.

Antibody validated: Western Blot in human, mouse and rat samples, Immunohistochemistry in human samples, Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: cIAP Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,4 °C
Storage Comment:	clAP antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.