



cIAP2 Rabbit mAb

Catalog No	YP-rAb-17401
Isotype	IgG
Reactivity	Human
Applications	WB,IHC,IF,IP,ELISA
Gene Name	BIRC3
Protein Name	Baculoviral IAP repeat-containing protein 3
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:200-1:500; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; IP 1:50-1:200; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15° C to -25° C/1 year(Do not lower than -25° C)
Synonyms	AIP 1 ; AIP1 ; API 2 ; API2 ; API2 ; Apoptosis inhibitor 2 ; Baculoviral IAP repeat containing 3 ; Baculoviral IAP repeat containing protein 3 ; Baculoviral IAP repeat-containing protein 3 ; BIRC 3 ; BIRC3 ; BIRC3 ; BIRC3_HUMAN ; C IAP2 ; C-IAP2 ; CIAP 2 ; CIAP 2 ; CIAP2 ; HAIP 1 ; HAIP1 ; HAIP1 ; HIAP 1 ; HIAP-1 ; HIAP1 ; IAP homolog C ; IAP-1 ; Inhibitor of apoptosis protein 1 ; Inhibitor of apoptosis protein 1 ; MALT 2 ; MALT2 ; Mammalian IAP homolog C ; MIHC ; MIHC ; RING finger protein 49 ; RNF49 ; TNFR2 TRAF signaling complex protein 1 ; TNFR2 TRAF signalling complex protein ; TNFR2-TRAF-signaling complex protein 1.
Observed Band	68kD
Calculated Molecular Weight	68kD
Cell Pathway	Cytoplasm . Nucleus .
Tissue Specificity	Highly expressed in fetal lung, and kidney. In the adult, expression is mainly seen in lymphoid tissues, including spleen, thymus and peripheral blood lymphocytes.
Function	Disease:A chromosomal aberration involving BIRC3 is recurrent in low-grade mucosa-associated lymphoid tissue (MALT lymphoma). Translocation





t(11;18)(q21;q21) with MALT1. This translocation is found in approximately 50% of cytogenetically abnormal low-grade MALT lymphoma. Function: Apoptotic suppressor. The BIR motifs region interacts with TNF receptor associated factors 1 and 2 (TRAF1 and TRAF2) to form a heteromeric complex, which is then recruited to the tumor necrosis factor receptor 2 (TNFR2). Similarity: Belongs to the IAP family. Similarity: Contains 1 CARD domain. Similarity: Contains 1 RING-type zinc finger. Similarity: Contains 3 BIR repeats. Subunit: Interacts with SMAC and with PRSS25; these interactions inhibit apoptotic suppressor activity. Tissue specificity: Highly expressed in fetal lung, and kidney. In the adult, expression is mainly seen in lymphoid tissues, including spleen, thymus and peripheral blood lymphocytes.

Background

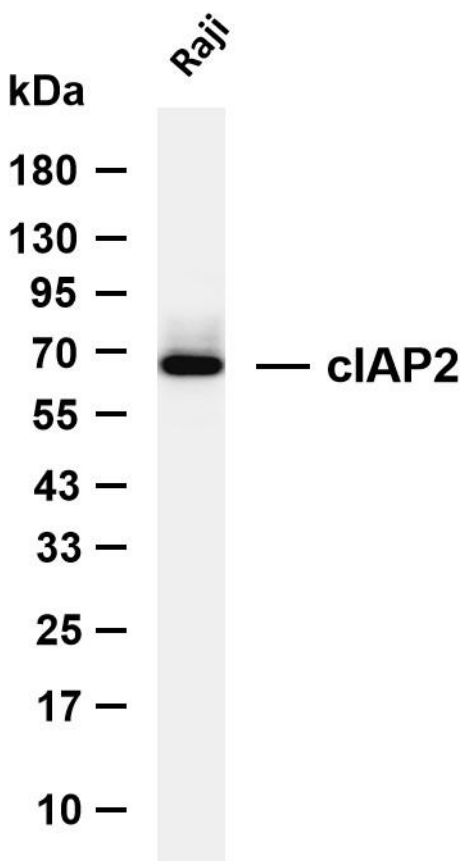
This gene encodes a member of the IAP family of proteins that inhibit apoptosis by binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2, probably by interfering with activation of ICE-like proteases. The encoded protein inhibits apoptosis induced by serum deprivation but does not affect apoptosis resulting from exposure to menadione, a potent inducer of free radicals. It contains 3 baculovirus IAP repeats and a ring finger domain. Transcript variants encoding the same isoform have been identified. [provided by RefSeq, Aug 2011],

matters needing attention

Avoid repeated freezing and thawing!

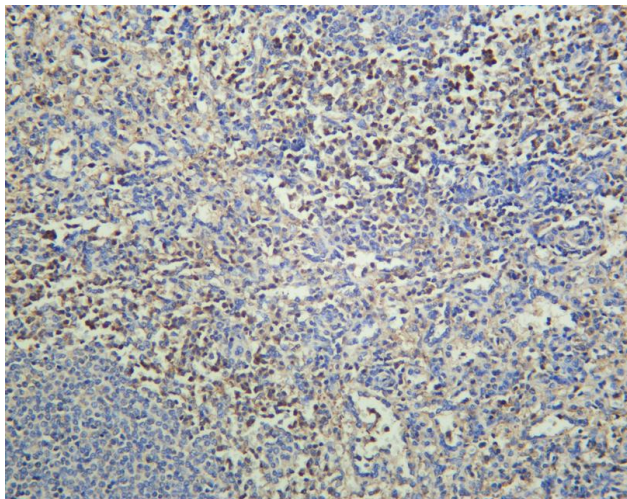
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-clAP2 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: Raji Predicted band size: 68kDa Observed band size: 68kDa





Human spleen was stained with anti-clAP2 Rabbit antibody

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