

**BIRC3 / cIAP2 Antibody (Internal)**  
**Goat Polyclonal Antibody**  
**Catalog # ALS16287****Specification**

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**BIRC3 / cIAP2 Antibody (Internal) - Product Information**

Application	WB
Primary Accession	<a href="#">Q13489</a>
Reactivity	Human, Rat
Host	Goat
Clonality	Polyclonal
Calculated MW	68kDa KDa

**BIRC3 / cIAP2 Antibody (Internal) - Additional Information****Gene ID** 330**Other Names**

Baculoviral IAP repeat-containing protein 3, 6.3.2.-, Apoptosis inhibitor 2, API2, C-IAP2, IAP homolog C, Inhibitor of apoptosis protein 1, IAP-1, hIAP-1, hIAP1, RING finger protein 49, TNFR2-TRAF-signaling complex protein 1, BIRC3, API2, IAP1, MIHC, RNF49

**Target/Specificity**

Human BIRC3 / cIAP2. Reported variants represent identical protein: NP\_892007.1, NP\_001156.1.

**Reconstitution & Storage**

Store at -20°C. Minimize freezing and thawing.

**Precautions**

BIRC3 / cIAP2 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

**BIRC3 / cIAP2 Antibody (Internal) - Protein Information****Name** BIRC3**Synonyms** API2, MIHC, RNF49**Function**

Multi-functional protein which regulates not only caspases and apoptosis, but also modulates inflammatory signaling and immunity, mitogenic kinase signaling and cell proliferation, as well as cell invasion and metastasis. Acts as an E3 ubiquitin-protein ligase regulating NF-kappa-B signaling and regulates both canonical and non- canonical NF-kappa-B signaling by acting in opposite directions: acts as a positive regulator of the canonical pathway and suppresses constitutive activation of non-canonical NF-kappa-B signaling. The target proteins for its E3 ubiquitin-protein ligase activity include: RIPK1, RIPK2, RIPK3, RIPK4, CASP3, CASP7, CASP8, IKBKE, TRAF1, and BCL10. Acts as an important regulator of innate immune signaling via regulation of Toll-like receptors (TLRs), Nodlike receptors (NLRs) and RIG-I like receptors (RLRs), collectively referred to

as pattern recognition receptors (PRRs). 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.

**Cellular Location**

Cytoplasm. Nucleus

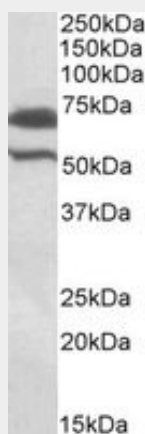
**Tissue Location**

Highly expressed in fetal lung, and kidney. In the adult, expression is mainly seen in lymphoid tissues, including spleen, thymus and peripheral blood lymphocytes

**BIRC3 / cIAP2 Antibody (Internal) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**BIRC3 / cIAP2 Antibody (Internal) - Images**

BIRC3 antibody (1 ug/ml) staining of Rat Testis lysate (35 ug protein/ml in RIPA buffer).

**BIRC3 / cIAP2 Antibody (Internal) - Background**

Multi-functional protein which regulates not only caspases and apoptosis, but also modulates inflammatory signaling and immunity, mitogenic kinase signaling and cell proliferation, as well as cell invasion and metastasis. Acts as an E3 ubiquitin- protein ligase regulating NF-kappa-B signaling and regulates both canonical and non-canonical NF-kappa-B signaling by acting in opposite directions: acts as a positive regulator of the canonical pathway and suppresses constitutive activation of non-canonical NF-kappa-B signaling. The target proteins for its E3 ubiquitin- protein ligase activity include: RIPK1, RIPK2, RIPK3, RIPK4, CASP3, CASP7, CASP8, IKBKE, TRAF1, and BCL10. Acts as an important regulator of innate immune signaling via regulation of Toll-like receptors (TLRs), Nodlike receptors (NLRs) and RIG-I like receptors (RLRs), collectively referred to as pattern

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#### **BIRC3 / cIAP2 Antibody (Internal) - References**

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Liston P., et al. Nature 379:349-353(1996).  
Uren A.G., et al. Proc. Natl. Acad. Sci. U.S.A. 93:4974-4978(1996).  
Horrevoets A.J.G., et al. Blood 93:3418-3431(1999).  
Baens M., et al. Genes Chromosomes Cancer 29:281-291(2000).