

**Anti-BIRC3 / cIAP2 Antibody**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS17659****Specification**

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**Anti-BIRC3 / cIAP2 Antibody - Product Information**

Application	WB, IHC-P
Primary Accession	<a href="#">Q13489</a>
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	68372

**Anti-BIRC3 / cIAP2 Antibody - Additional Information****Gene ID 330**Alias Symbol **BIRC3****Other Names**

BIRC3, AIP1, API2, Apoptosis inhibitor 2, CIAP2, Hiap-1, HIAP1, IAP homolog C, Mammalian IAP homolog C, MIHC, IAP-1, IAP1, RING finger protein 49, RNF49, C-IAP2, HAIP1, MALT2

**Reconstitution & Storage**

Affinity purified

**Precautions**

Anti-BIRC3 / cIAP2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-BIRC3 / cIAP2 Antibody - 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

**Anti-BIRC3 / cIAP2 Antibody - 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](#)

**Anti-BIRC3 / cIAP2 Antibody - Images**