

Anti-BIRC3 / cIAP2 Antibody

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS17659

Product Information

Application	WB, IHC-P
Primary Accession	Q13489
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	68372
Concentration (mg/ml)	0.2 mg/ml

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.

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.