

Anti-IAP2 BIRC3 Rabbit Monoclonal Antibody
Catalog # ABO13319**Specification**

Anti-IAP2 BIRC3 Rabbit Monoclonal Antibody - Product Information

Application	WB, IHC, IF, ICC, IP
Primary Accession	Q13489
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-IAP2 BIRC3 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human.

Anti-IAP2 BIRC3 Rabbit Monoclonal Antibody - Additional Information

Gene ID 330

Other Names

Baculoviral IAP repeat-containing protein 3, 2.3.2.27, Apoptosis inhibitor 2, API2, Cellular inhibitor of apoptosis 2, C-IAP2, IAP homolog C, Inhibitor of apoptosis protein 1, hIAP-1, hIAP1, RING finger protein 49, RING-type E3 ubiquitin transferase BIRC3, TNFR2-TRAF-signaling complex protein 1, BIRC3, API2, MIHC, RNF49

Calculated MW

68372 MW KDa

Application Details

WB 1:1000-1:2000
IHC 1:50-1:100
ICC/IF 1:50-1:100
IP 1:50

Subcellular Localization

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.

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human IAP2

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-IAP2 BIRC3 Rabbit Monoclonal 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

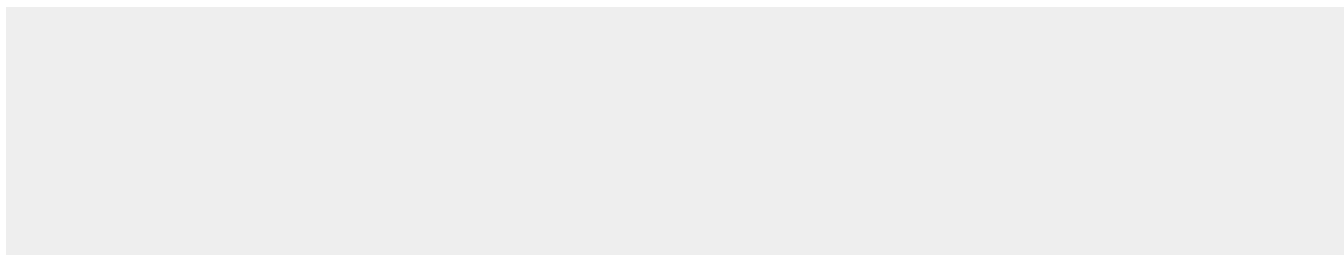
Tissue Location

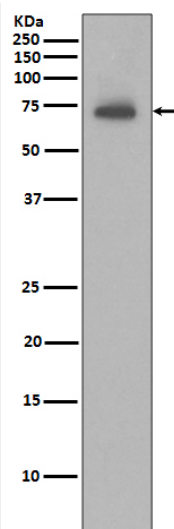
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Anti-IAP2 BIRC3 Rabbit Monoclonal Antibody - Protocols

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-IAP2 BIRC3 Rabbit Monoclonal Antibody - Images



Western blot analysis of IAP2 expression in Ramos cell lysate.