BIRC3 polyclonal antibody

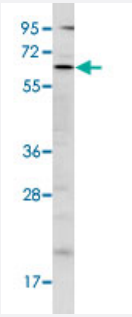
Catalog # PAB4708 Size 400 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with BIRC3 polyclonal antibody (Cat # PAB4708) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry ; clinical relevance has not been evaluated. BC = breast carcinoma.



Western Blot (Cell lysate)

Western blot analysis of A-549 cell lysate (35 ug/lane) with BIRC3 polyclonal antibody (Cat # PAB4708).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of BIRC3.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human BIRC3.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A purification

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Recommend Usage	ELISA (1:1000) Western Blot (1:100-500) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Cell lysate)

  Western blot analysis of A-549 cell lysate (35 ug/lane) with BIRC3 polyclonal antibody (Cat # PAB4708).

Gene Info — BIRC3

Entrez GeneID	330
Protein Accession#	BIR3_HUMAN
Gene Name	BIRC3
Gene Alias	AIP1, API2, CIAP2, HAIP1, HIAP1, MALT2, MIHC, RNF49
Gene Description	baculoviral IAP repeat-containing 3
Omim ID	601721
Gene Ontology	Hyperlink

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Gene Summary	The protein encoded by this gene is a member of a family of proteins that inhibits apoptosis by bi nding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2, probably by interf ering with activation of ICE-like proteases. The encoded protein inhibits apoptosis induced by ser um deprivation but does not affect apoptosis resulting from exposure to menadione, a potent indu cer of free radicals. The amino acid sequence predicts three baculovirus IAP repeat domains and a ring finger domain. Transcript variants encoding the same isoform have been identified. [provid ed by RefSeq
Other Designations	TNFR2-TRAF signaling complex protein|apoptosis inhibitor 2|baculoviral IAP repeat-containing pr otein 3|inhibitor of apoptosis protein 1|mammalian IAP homolog C

Publication Reference

- Heterogeneous copy numbers of API2-MALT1 chimeric transcripts in mucosa-associated lymphoid tissue lymphoma.

  Suguro-Katayama M, Suzuki R, Kasugai Y, Nakamura T, Suzuki H, Hosokawa Y, Shiku H, Nakamura S, Seto M.

  Leukemia 2003 Dec; 17(12):2508.

- Induction of cIAP-2 in human colon cancer cells through PKC delta/NF-kappa B.

  Wang Q, Wang X, Evers BM.

  The Journal of Biological Chemistry 2003 Dec; 278(51):51091.

  Application: WB, Human, Caco-2 cells

- cIAP-2 block apoptotic events in bladder cancer cells.

  Jonsson G, Paulie S, Grandien A.

  Anticancer Res 2003 Jul; 23(4).

Pathway

- Apoptosis
- Focal adhesion
- Pathways in cancer
- Small cell lung cancer
- Ubiquitin mediated proteolysis

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Disease

- Adenocarcinoma
- Cardiovascular Diseases
- Diabetes Mellitus
- Ductus Arteriosus
- Edema
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Infant
- Lung Neoplasms
- Pulmonary Disease
- Urinary Bladder Neoplasms
- Werner syndrome

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