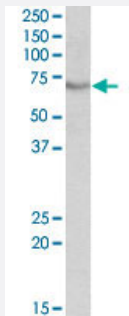


# BIRC3 polyclonal antibody

Catalog # PAB18987      Size 100 ug

## Applications



### Western Blot (Cell lysate)

BIRC3 polyclonal antibody (Cat # PAB18987, 0.1 ug/mL) staining of HeLa lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Specification

|                             |                                                                                                                       |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>  | Goat polyclonal antibody raised against synthetic peptide of BIRC3.                                                   |
| <b>Immunogen</b>            | A synthetic peptide corresponding to amino acids at internal region of human BIRC3.                                   |
| <b>Sequence</b>             | C-SQPTFPSSVT                                                                                                          |
| <b>Host</b>                 | Goat                                                                                                                  |
| <b>Theoretical MW (kDa)</b> | 70                                                                                                                    |
| <b>Reactivity</b>           | Human                                                                                                                 |
| <b>Specificity</b>          | Reported variants represent identical protein: NP_892007.1, NP_001156.1                                               |
| <b>Form</b>                 | Liquid                                                                                                                |
| <b>Purification</b>         | Antigen affinity purification                                                                                         |
| <b>Concentration</b>        | 0.5 mg/mL                                                                                                             |
| <b>Recommend Usage</b>      | ELISA (1:32000)<br>Western Blot (0.1-0.3 ug/mL)<br>The optimal working dilution should be determined by the end user. |

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Storage Buffer      | In 0.5 mg/mL in Tris saline, pH7.3 (0.5% BSA, 0.02% sodium azide)                                                      |
| Storage Instruction | Store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                                                     |
| Note                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

## Applications

- Western Blot (Cell lysate)

BIRC3 polyclonal antibody (Cat # PAB18987, 0.1 ug/mL) staining of HeLa lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — BIRC3

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Entrez GeneID      | <a href="#">330</a>                                 |
| Protein Accession# | <a href="#">NP_001156.1</a>                         |
| Gene Name          | BIRC3                                               |
| Gene Alias         | AIP1, API2, CIAP2, HAIP1, HIAP1, MALT2, MIHC, RNF49 |
| Gene Description   | baculoviral IAP repeat-containing 3                 |
| Omim ID            | <a href="#">601721</a>                              |
| Gene Ontology      | <a href="#">Hyperlink</a>                           |

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Summary       | The protein encoded by this gene is a member of a family of proteins that inhibits apoptosis by binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2, probably by interfering with activation of ICE-like proteases. The encoded protein inhibits apoptosis induced by serum deprivation but does not affect apoptosis resulting from exposure to menadione, a potent inducer 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. [provided by RefSeq] |
| Other Designations | TNFR2-TRAF signaling complex protein apoptosis inhibitor 2 baculoviral IAP repeat-containing protein 3 inhibitor of apoptosis protein 1 mammalian IAP homolog C                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

## Pathway

- [Apoptosis](#)
- [Focal adhesion](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)
- [Ubiquitin mediated proteolysis](#)

## 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](#)