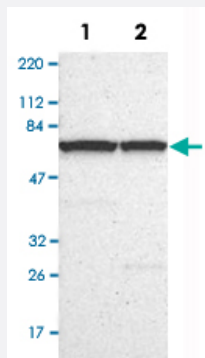


# BIRC2 polyclonal antibody

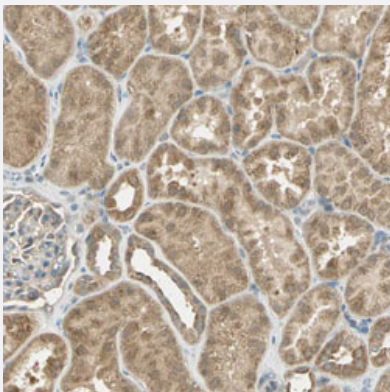
Catalog # PAB31364      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western Blot analysis of Lane 1: RT-4 and Lane 2: U-251 MG sp cell lysates with BIRC2 polyclonal antibody (Cat # PAB31364).



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with BIRC2 polyclonal antibody (Cat # PAB31364) shows moderate cytoplasmic positivity in cells in tubules.

## Specification

|                            |                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit polyclonal antibody raised against partial recombinant human BIRC2.                                                 |
| <b>Immunogen</b>           | Recombinant protein corresponding to human BIRC2.                                                                          |
| <b>Sequence</b>            | NWKLGDSPIQKHKQLYPSCSFIQNLVSASLGSTSKNTSPMRNSFAHSLSPITLEHSSLFSGSYSSL<br>SPNPLNSRAVEDISSRTNPYSYAMSTEEARFLTYHMWPLTFLSPSELARAGF |
| <b>Host</b>                | Rabbit                                                                                                                     |
| <b>Reactivity</b>          | Human, Rat                                                                                                                 |

|                     |                                                                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form                | Liquid                                                                                                                                                                                |
| Purification        | Antigen affinity purification                                                                                                                                                         |
| Isotype             | IgG                                                                                                                                                                                   |
| Recommend Usage     | Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200)<br>Western Blot (1:100-1:250)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer      | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).                                                                                                                                    |
| Storage Instruction | Store at 4°C. For long term storage 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)

Western Blot analysis of Lane 1: RT-4 and Lane 2: U-251 MG sp cell lysates with BIRC2 polyclonal antibody (Cat # PAB31364).

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## Gene Info — BIRC2

|                    |                                         |
|--------------------|-----------------------------------------|
| Entrez GeneID      | <a href="#">329</a>                     |
| Protein Accession# | <a href="#">Q13490</a>                  |
| Gene Name          | BIRC2                                   |
| Gene Alias         | API1, HIAP2, Hiap-2, MIHB, RNF48, cIAP1 |
| Gene Description   | baculoviral IAP repeat-containing 2     |
| Omim ID            | <a href="#">601712</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. This encoded protein inhibits apoptosis induced by serum deprivation and menadione, a potent inducer of free radicals. [provided by RefSeq]

**Other Designations**

NFR2-TRAF signalling complex protein|apoptosis inhibitor 1|baculoviral IAP repeat-containing protein 2

## Pathway

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

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Lung Neoplasms](#)
- [Spinal Muscular Atrophies of Childhood](#)
- [Spinal muscular atrophy](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)