

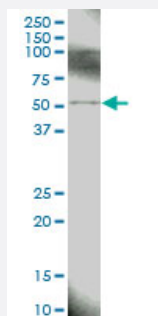
MaxPab®

# BIRC4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000331-B01P

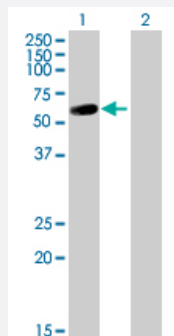
Size 50 ug

## Applications



### Western Blot (Tissue lysate)

BIRC4 MaxPab polyclonal antibody. Western Blot analysis of BIRC4 expression in human colon.



### Western Blot (Transfected lysate)

Western Blot analysis of XIAP expression in transfected 293T cell line ([H00000331-T01](#)) by XIAP MaxPab polyclonal antibody.

Lane 1: BIRC4 transfected lysate(54.67 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Mouse polyclonal antibody raised against a full-length human BIRC4 protein.

### Immunogen

BIRC4 (NP\_001158.2, 1 a.a. ~ 497 a.a) full-length human protein.

### Sequence

MTFNSFEGSKTCVPADINKEEEFVEEFNRLKTFANFSPGSPVSASTLARAGFLYTGEDTVRCFS  
CHAAVDRWQYGDSAVGRHRKVSPNCRFINGFYLENSATQSTNSGIQNGQYKVENYLGSRDHFAL  
DRPSETHADYLLRTGQVVDISDTYPRNPAMYSEEARLKSFQNWPDYAHLPRELASAGLYYTIGIG  
DQVQCFCCGGKLNWEPDRAWSEHRRHFPNCFVLRNLNIRSEDAVSSDRNFPNSTNLPR  
NPSMADYEARIFTFGTWYSVNKEQLARAGFYALGEGDKVKCFHCGGGLTDWKPSDEPWEQHA  
KWYPGCKYLLEQKGQEYNNIHLTHSLEECLVRTTEKTPSLTRRIDDITFQNPVMQEAIRMGFSFKDI  
KKIMEEKIQISGSNYKSLEVLVADLVNAQKDSMQDESSQTSLQKEISTEEQLRRLQEEKLCKICMD  
RNIAFVPCGHLVTCKQCAEAVDKCPMCYTVITFKQKIFMS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Host                    | Mouse                                                                    |
| Reactivity              | Human                                                                    |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                  |
| Storage Buffer          | In 1x PBS, pH 7.4                                                        |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Applications

- Western Blot (Tissue lysate)

BIRC4 MaxPab polyclonal antibody. Western Blot analysis of BIRC4 expression in human colon.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of XIAP expression in transfected 293T cell line ([H00000331-T01](#)) by XIAP MaxPab polyclonal antibody.

Lane 1: BIRC4 transfected lysate(54.67 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

## Gene Info — XIAP

|                     |                                               |
|---------------------|-----------------------------------------------|
| Entrez GeneID       | <a href="#">331</a>                           |
| GeneBank Accession# | <a href="#">NM_001167</a>                     |
| Protein Accession#  | <a href="#">NP_001158.2</a>                   |
| Gene Name           | XIAP                                          |
| Gene Alias          | API3, BIRC4, ILP1, MIHA, XLP2                 |
| Gene Description    | X-linked inhibitor of apoptosis               |
| Omim ID             | <a href="#">300079</a> <a href="#">300635</a> |
| Gene Ontology       | <a href="#">Hyperlink</a>                     |

**Gene Summary**

The protein encoded by this gene is a member of a family of proteins which inhibit apoptosis through binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2. This protein inhibits apoptosis induced by menadione, a potent inducer of free radicals, and ICE. It also inhibits at least two members of the caspase family of cell-death proteases, caspase-3 and caspase-7. [provided by RefSeq]

**Other Designations**

OTTHUMP00000023975|OTTHUMP00000196392|apoptosis inhibitor 3|baculoviral IAP repeat-containing 4|baculoviral IAP repeat-containing protein 4

## Pathway

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

## Disease

- [Arthritis](#)
- [Cardiovascular Diseases](#)
- [Common Variable Immunodeficiency](#)
- [Cryopyrin-associated Periodic Syndromes](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Familial Mediterranean Fever](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Immunologic Deficiency Syndromes](#)
- [Lung Neoplasms](#)
- [Lymphoproliferative Disorders](#)

- [Mevalonate Kinase Deficiency](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Severe Combined Immunodeficiency](#)