

## BIRC4 (XIAP, ILP) Polyclonal Antibody

<b>CATALOG NO:</b>	3183-30T	30 µg (Trial size)
	3183-100	100 µg
<b>HOST:</b>	Rabbit	
<b>IMMUNOGEN:</b>	Synthetic peptide surrounding amino acid 230 of human XIAP (ID# BV-94)	
<b>SPECIES REACTIVITY:</b>	Human, Mouse, Rat	

### FORMULATION:

0.2 mg/ml affinity purified rabbit anti-XIAP polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

### STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

### BACKGROUND DESCRIPTION:

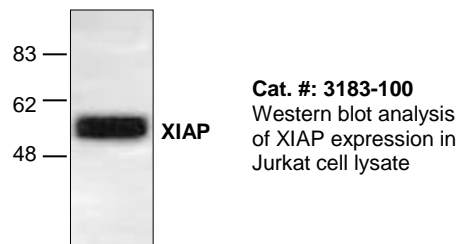
BIRC-4 (for baculoviral IAP repeat-containing protein 4) is a member of the IAP (for Inhibitor of apoptosis protein) family proteins. Other Aliases include RP1-315G1.5, API3, ILP1, MIHA, XIAP, XLP2. BIRC4 inhibits activated caspase-3 and apoptosis.

### SPECIFICITY:

The XIAP antibody detects ~53 kDa XIAP from samples of human, mouse and rat origins. Jurkat cell lysate, mouse small intestine and rat kidney tissue lysates can be used as positive controls. Blocking peptide (Cat# 3183BP-50) is available separately.

### APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (0.5-4 µg/ml). Based on researcher's feedback, it can also be used in immunoprecipitation and immunohistochemistry. However, the optimal conditions should be determined individually.



**FOR RESEARCH USE ONLY! Not to be used on humans.**

### RELATED PRODUCTS:

#### Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

#### Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

#### Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

#### Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

#### Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

#### Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

#### Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- $\beta$ -Galactosidase Staining Kit & Luciferase Reporter Assay Kit

#### Growth Factors and Cytokines

#### Monoclonal and Polyclonal Antibodies