

## Datasheet: VPA00699

<b>Description:</b>	RABBIT ANTI XIAP
<b>Specificity:</b>	XIAP
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	100 µl

### Product Details

#### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

#### Target Species

Human

#### Species Cross Reactivity

Reacts with: Rat  
**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

#### Product Form

Purified IgG - liquid

#### Preparation

Rabbit polyclonal antibody purified by affinity chromatography

#### Buffer Solution

TRIS buffered glycine

#### Preservative Stabilisers

0.01% Thiomersal  
 <50% Glycerol

#### Approx. Protein

IgG concentration 0.5 mg/ml

## Concentrations

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**Immunogen** Recombinant protein encompassing part of the C-terminal region of human XIAP

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## External Database Links

**UniProt:**

[P98170](#)    [Related reagents](#)

**Entrez Gene:**

[331](#) XIAP    [Related reagents](#)

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**Synonyms** API3, BIRC4, IAP3

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**Specificity** **Rabbit anti Human XIAP antibody** recognizes the E3 ubiquitin-protein ligase XIAP, also known as XIAP, XLP2, BIRC5 or MIHA.

The XIAP gene encodes a protein that belongs to a family of apoptotic suppressor proteins. Members of this family share a conserved motif termed, baculovirus IAP repeat, which is necessary for their anti-apoptotic function. This protein, BIRC5, functions through binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2 and inhibits apoptosis induced by menadione, a potent inducer of free radicals, and interleukin 1-beta converting enzyme. MIHA also inhibits at least two members of the caspase family of cell-death proteases, caspase-3 and caspase-7. Mutations in XIAP are the cause of X-linked lymphoproliferative syndrome. Alternate splicing results in multiple transcript variants. Pseudogenes of XIAP are found on chromosomes 2 and 11 (provided by RefSeq, Feb 2011).

Rabbit anti Human XIAP antibody detects a band of 53 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting** Rabbit anti XIAP detects a band of approximately 53 kDa in MOLT-4 cell lysates

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**Storage** Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

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**Guarantee** 12 months from date of despatch

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**Acknowledgements** PrecisionAb is a trademark of Bio-Rad Laboratories

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**Health And Safety Information** Material Safety Datasheet documentation #20357 available at: Antibody (20357): <https://www.bio-rad-antibodies.com/uploads/MSDS/20357.pdf>

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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

**North & South** Tel: +1 800 265 7376

**Worldwide**

Tel: +44 (0)1865 852 700

**Europe**

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batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

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