



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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**Survivin (CT) (TIAP) (Inhibitor of Apoptosis). Rabbit Polyclonal Antibody**

Anti-Mouse Survivin (C-terminal); Anti-Mouse TIAP (C-terminal); Anti-Mouse API4 (C-terminal)

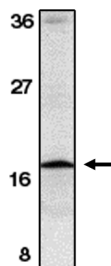
**BACKGROUND**

Apoptosis, or programmed cell death, is related to many diseases, such as cancer. Apoptosis is triggered by a variety of stimuli including members in the TNF family and prevented by the inhibitor of apoptosis (IAP) proteins. IAP proteins form a conserved gene family that binds to and inhibits cell death proteases. A novel IAP protein was recently identified and designated survivin, apoptosis inhibitor 4 (API4), and TIAP<sup>1-3</sup>. Survivin/TIAP interacted with the processed form of caspase-3 and inhibited its proteolytic activity. Survivin/TIAP is predominantly expressed in tissues of embryos, transformed cell lines, and many human cancers and lymphomas<sup>1,3</sup>.

**IMMUNOGEN**

Synthetic peptide corresponding to amino acids 128 to 140 of mouse survivin protein.

**Western blot analysis using anti-mSurvivin (CT) antibody at 1 µg/ml on mouse spleen tissue lysate.**



**ORDERING INFORMATION**

**CATALOG NUMBER**

X1132P

**SIZE**

100 µg

**FORM**

Unconjugated

**HOST/CLONE**

Rabbit

**FORMULATION**

Provided in phosphate buffered saline solution containing 0.02% sodium azide as a preservative

**CONCENTRATION**

See vial for concentration

**ISOTYPE**

IgG

**APPLICATIONS**

Western Blot

**SPECIES REACTIVITY**

Mouse

**ACCESSION NUMBER**

Mouse O70201

**POSITIVE CONTROL/TISSUE EXPRESSION**

Mouse spleen tissue lysate

**COMMENTS**

Detects survivin protein by Western blot at 0.5 to 1  $\mu\text{g/ml}$ . Detects 17 kDa band in mouse spleen tissue lysate. Optimal concentration should be evaluated by serial dilutions.

**PURIFICATION**

Antigen Immunoaffinity Purification

**SHIP CONDITIONS**

Ship at ambient temperature, freeze upon arrival

**STORAGE CUSTOMER**

Product should be stored at  $-20^{\circ}\text{C}$ . Aliquot to avoid freeze/thaw cycles

**STABILITY**

Products are stable for one year from purchase when stored properly

**REFERENCES**

1. Ambrosini, G., et al. A novel anti-apoptosis gene, survivin, expressed in cancer and lymphoma. *Nat. Med.* 1997, 3, 917-921
2. Li, F., et al. Control of apoptosis and mitotic spindle checkpoint by survivin. *Nature* 1998, 396, 580-584
3. Kobayashi, K., et al. Expression of a murine homologue of the inhibitor of apoptosis protein is related to cell proliferation. *Proc. Natl. Acad. Sci. USA* 1999, 96, 1457-1462

**PRODUCT SPECIFIC REFERENCES**