



# 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 (NT) (TIAP) (Inhibitor of Apoptosis). Rabbit Polyclonal Antibody**  
Anti-Survivin (N-terminal); Anti-TIAP (N-terminal); Anti-API4 (N-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>.

**ORDERING INFORMATION**

**CATALOG NUMBER**

X1131P

**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**

Human

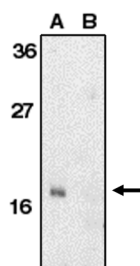
**ACCESSION NUMBER**

Human O15392

**IMMUNOGEN**

Antibody raised against a synthetic peptide corresponding to amino acids 1 to 12 of the human survivin protein.

**Western blot analysis using anti-Survivin (NT) antibody at 1 µg/ml on MOLT4 cell lysate without blocking peptide (A) and with blocking peptide (B).**



**POSITIVE CONTROL/TISSUE EXPRESSION**

MOLT4 cell lysate

**COMMENTS**

Detects survivin protein by Western blot at 0.5 to 1  $\mu\text{g/ml}$ . Detects 17 kDa band in MOLT4 cell 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**