



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

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

Anti-Survivin (C-terminal); Anti-TIAP (C-terminal); Anti-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 TIAP¹⁻³. 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^{1,3}.

ORDERING INFORMATION

CATALOG NUMBER

X1130P

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

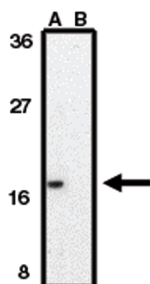
ACCESSION NUMBER

Human O15392

IMMUNOGEN

Antibody raised against a synthetic peptide corresponding to amino acids 129 to 142 of the human survivin protein.

Western blot analysis using anti-Survivin (CT) 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°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