



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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flip (NT) (I-FLICE) (flICE Inhibitory Protein). Rabbit Polyclonal Antibody

**BACKGROUND**

Apoptosis is related to many diseases and induced by a family of cell death receptors and their ligands. Cell death signals are transduced by death domain (DD)- containing adapter molecules and members of the ICE/CED-3 protease family. Caspases-8 (FLICE) and -10 (FLICE2) are two pivotal members in the ICE/CED-3 protease family. FLICE-inhibitory proteins were identified in virus and human and designated v-FLIPs and FLIP, respectively<sup>1,2</sup>. The human FLIP was also cloned by several labs independently and termed Casper, I-FLICE, FLAME-1, CASH and CLARP<sup>3-7</sup>. FLIP contains two death effector domains (DEDs) and a caspase-like domain. FLIP interacts with adapter protein FADD and caspase-8 and -10, and potently inhibits apoptosis induced by all known death receptors. Four splice variants of c-FLIPs have been identified and termed FLIP $\alpha$ ,  $\beta$ ,  $\gamma$ , and  $\delta$ , respectively<sup>8</sup>.

**IMMUNOGEN**

Antibody raised against a synthetic peptide corresponding to amino acids 2 to 18 of the human FLIP protein. This sequence is identical in all known FLIP splice variants.

**POSITIVE CONTROL/TISSUE EXPRESSION**

**COMMENTS**

Detects all FLIP splice variants by Western blot at 0.5 to 1  $\mu$ g/ml. Optimal concentration should be evaluated by serial dilutions.

**ORDERING INFORMATION**

**CATALOG NUMBER**

X1129P

**SIZE**

100  $\mu$ g

**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, Mouse, Rat

**ACCESSION NUMBER**

,

**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. Thome, M., et al. Viral FLICE-inhibitory proteins (FLIPs) prevent apoptosis induced by death receptors. *Nature* 1997, 386, 517-521
2. Irmeler, M., et al. Inhibition of death receptor signals by cellular FLIP. *Nature* 1997, 388, 190-195
3. Shu, H.B., et al. Casper is a FADD- and caspase-related inducer of apoptosis. *Immunity* 1997, 6, 751-763
4. Hu, S., et al. I-FLICE, a novel inhibitor of tumor necrosis factor receptor-1- and CD-95-induced apoptosis. *J. Biol. Chem.* 1997, 272, 17255-17257
5. Srinivasula, S.M., et al. FLAME-1, a novel FADD-like anti-apoptotic molecule that regulates Fas/TNFR1-induced apoptosis. *J. Biol. Chem.* 1997, 272, 18542-18545
6. Goltsev, Y.V., et al. CASH, a novel caspase homologue with death effector domains. *J. Biol. Chem.* 1997, 272, 19641-19644
7. Inohara, N., et al. CLARP, a death effector domain-containing protein interacts with caspase-8 and regulates apoptosis. *Proc. Natl. Acad. Sci. USA* 1997, 94, 10717-10722
8. Wallach, D. Apoptosis. Placing death under control. *Nature* 1997, 388, 123

**Product Specific References:**

1. Mirandola, P., et al. "Activated human NK and CD8+ T cells express both TNF-related apoptosis-inducing ligand (TRAIL) and TRAIL receptors but are resistant to TRAIL-mediated cytotoxicity." *Blood*, 2004, 104, 2418-2424.