



# 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

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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**flip (CT) (I-FLICE) (fLICE Inhibitory Protein). Rabbit Polyclonal Antibody**  
Casper, I-FLICE, FLAME-1, CASH, CLARP C-terminal

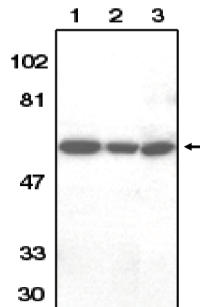
**BACKGROUND**

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 CLARP3-7. 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**

Synthetic peptide corresponding to amino acids 447 to 464 of the C-terminal of the human FLIP $\alpha$ /FLIP<sub>L</sub> form.

**Western blot analysis using anti-FLIP (CT) antibody at 0.5  $\mu$ g/ml on HeLa (1), Jurkat (2) and K562 (3) whole cell lysates.**



**ORDERING INFORMATION**

**CATALOG NUMBER**  
X1128P

**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**  
Human Q9UKL3  
Mouse Q9WUF3

**POSITIVE CONTROL/TISSUE EXPRESSION**

HeLa whole cell lysates

**COMMENTS**

Detects FLIP by Western blot at 0.25 to 1  $\mu$ g/ml. Detects a 55 kDa band in HeLa whole cell lysates. Antibody recognizes the FLIP $\alpha$  only. 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. 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**