



# c-FLIP Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-00565                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Reactivity</b>                  | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Applications</b>                | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Gene Name</b>                   | CFLAR                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Immunogen</b>                   | The antiserum was produced against synthesized peptide derived from the N-terminal region of human CFLAR. AA range:1-50                                                                                                                                                                                                                                                                          |
| <b>Specificity</b>                 | c-FLIP Polyclonal Antibody detects endogenous levels of c-FLIP protein.                                                                                                                                                                                                                                                                                                                          |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                            |
| <b>Dilution</b>                    | Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.                                                                                                                                                                                                                                                                                                              |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>                    | CFLAR;CASP8 and FADD-like apoptosis regulator;CASH;c FLIPS;c FLIPR;c-FLIP;CASP8AP1;CLARP;MRIT;Caspase homolog;Caspase-eight-related protein;Casper;Caspase-like apoptosis regulatory protein;Cellular FLICE-like inhibitory protein;FADD-like antiapoptotic molecule 1;FLAME-1;Inhibitor of FLICE;l-FLICE;MACH-related inducer of toxicity;Usurpin                                               |
| <b>Observed Band</b>               | 55kD                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Calculated Molecular Weight</b> | 55kD                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Cell Pathway</b>                | cytoplasm,cytosol,death-inducing signaling complex,CD95 death-inducing signaling complex,membrane raft,riposome,                                                                                                                                                                                                                                                                                 |
| <b>Tissue Specificity</b>          | Widely expressed. Higher expression in skeletal muscle, pancreas, heart, kidney, placenta, and peripheral blood leukocytes. Also detected in diverse cell lines. Isoform 8 is predominantly expressed in testis and skeletal muscle.                                                                                                                                                             |
| <b>Function</b>                    | domain:The caspase domain lacks the active sites residues involved in catalysis.,function:Apoptosis regulator protein which may function as a crucial link between cell survival and cell death pathways in mammalian cells. Acts as an inhibitor of TNFRSF6 mediated apoptosis. A proteolytic fragment (p43) is likely retained in the death-inducing signaling complex (DISC) thereby blocking |



further recruitment and processing of caspase-8 at the complex. Full length and shorter isoforms have been shown either to induce apoptosis or to reduce TNFRSF-triggered apoptosis. Lacks enzymatic (caspase) activity., induction: Repressed by IL-2 after TCR stimulation, during progression to the S-phase of the cell cycle., PTM: Proteolytically processed; probably by caspase-8. Processing likely occurs at the DISC and generates subunit p43 and p12., similarity: Belongs to the peptidase C14A family., similarity: Contains

### Background

The protein encoded by this gene is a regulator of apoptosis and is structurally similar to caspase-8. However, the encoded protein lacks caspase activity and appears to be itself cleaved into two peptides by caspase-8. Several transcript variants encoding different isoforms have been found for this gene, and partial evidence for several more variants exists. [provided by RefSeq, Feb 2011],

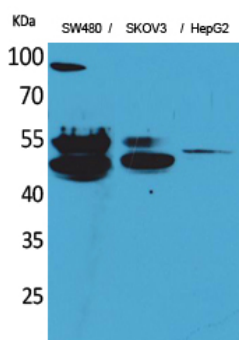
### matters needing attention

Avoid repeated freezing and thawing!

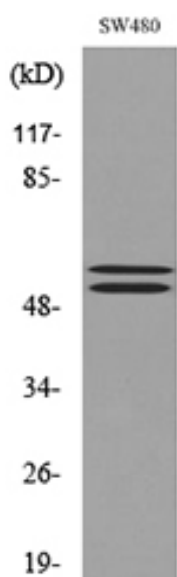
### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of SW480, SKOV3, HepG2 cells using c-FLIP Polyclonal Antibody. Secondary antibody (catalog#: RS0002) was diluted at 1:20000



Western blot analysis of lysate from SW480 cells, using CFLAR Antibody.