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# FLIP Rabbit pAb

Catalog # AP99943

## Product Information

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| **Application** | WB, IHC-P, IHC-F, IF |
| **Primary Accession** | O15519 |
| **Other Accession** | O15519 |
| **Reactivity** | Rat, Human, Mouse |
| **Predicted** | Pig, Rabbit, Dog |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 55344 |
| **Physical State** | Liquid |
| **Immunogen** | KLH conjugated synthetic peptide derived from human CASP8 and FADD-like apoptosis regulator subunit p43 |
| **Epitope Specificity** | 7-100/480 |
| **Isotype** | IgG |
| **Purity** | affinity purified by Protein A |
| **Buffer** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| **SIMILARITY** | Belongs to the peptidase C14A family. Contains 2 DED (death effector) domains. |
| **SUBUNIT** | TNFRSF6 stimulation triggers recruitment to the death-inducing signaling complex (DISC) formed by TNFRSF6, FADD and caspase-8. A proteolytic fragment (p43) stays associated with the DISC. Also interacts with caspase-10, caspase-3, TRAF1, TRAF2 and Bcl-X(L) (in vitro). Interacts with HBV protein X. |
| **Post-translational modifications** | Proteolytically processed; probably by caspase-8. Processing likely occurs at the DISC and generates subunit p43 and p12. |
| **Important Note** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **Background Descriptions** | 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]. |

## Additional Information

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| **Gene ID** | 8837 |
| **Other Names** | CASH; CASP8AP1; CLARP; Casper; FLAME; FLAME-1; FLAME1; FLIP; I-FLICE; MRIT; c-FLIP; c-FLIPL; c-FLIPR; c-FLIPS; cFLIP; 2310024N18Rik; A430105C05Rik; Gm9845; CFLAR_HUMAN; CFLAR; Caspase homolog (CASH); Caspase-eight-related protein (Casper); Caspase-like apoptosis regulatory protein (CLARP); Cellular FLICE-like inhibitory protein (c-FLIP); FADD-like antiapoptotic molecule 1 (FLAME-1); Inhibitor of FLICE (I-FLICE); MACH-related inducer of toxicity (MRIT); Usurpin; CFLAR_MOUSE; CASP8 and FADD like |

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| | apoptosis regulator; CASP8 and FADD-like apoptosis regulator |
| **Dilution** | WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,Flow-Cyt=1ug /Test |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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| **Name** | CFLAR |
| **Synonyms** | CASH, CASP8AP1, CLARP, MRIT |
| **Function** | Apoptosis regulator protein which may function as a crucial link between cell survival and cell death pathways in mammalian cells (PubMed:31046799). 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. |
| **Tissue Location** | 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 |

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