



c-FLIP Polyclonal Antibody

E20-75156

Catalog Number:E20-75156

Host Species:Polyclonal, Rabbit

Purification:The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Immunogen Description:The antiserum was produced against synthesized peptide derived from human CFLAR. AA range:181-230

Calculated MW:55344Da**Observed Band:**55KD

Formulation:Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Gene Name:CFLAR

Dilution:Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

Protein Name:CASP8 and FADD-like apoptosis regulator

Human Gene Id:8837

Human Swiss Prot No:O15519

Mouse Swiss Prot No:O35732

Specificity:c-FLIP Polyclonal Antibody detects endogenous levels of c-FLIP protein.

Concentration:1 mg/ml

Storage Stability:-20°C/1 year

Other Name:CFLAR; CASH; CASP8AP1; CLARP; MRIT; CASP8 and FADD-like apoptosis regulator; Caspase homolog; CASH; Caspase-eight-related protein; Casper; Caspase-like apoptosis regulatory protein; CLARP; Cellular FLICE-like inhibitory protein; c-FLIP; FAD

Background:CASP8 and FADD like apoptosis regulator(CFLAR) Homo sapiens 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],

Function:domain:The caspase domain lacks the active sites residues involved in catalysis.,function:Apoptosis regulator

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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

Subcellular Location:cytoplasm,cytosol,death-inducing signaling complex,CD95 death-inducing signaling complex,membrane raft,riposome,

Expression: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.,