

c-FLIP Polyclonal Antibody

Catalog No :	YT5156
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA
Target :	c-FLIP
Fields :	>>NF-kappa B signaling pathway;>>Autophagy - animal;>>Apoptosis;>>Necroptosis;>>TNF signaling pathway;>>Chagas disease;>>Hepatitis C
Gene Name :	CFLAR
Protein Name :	CASP8 and FADD-like apoptosis regulator
Human Gene Id :	8837
Human Swiss Prot No :	O15519
Mouse Swiss Prot No :	O35732
Immunogen :	The antiserum was produced against synthesized peptide derived from the N-terminal region of human CFLAR. AA range:1-50
Specificity :	c-FLIP Polyclonal Antibody detects endogenous levels of c-FLIP protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 55kD

Cell Pathway : Apoptosis_Inhibition;Apoptosis_Mitochondrial;Apoptosis_Overview;

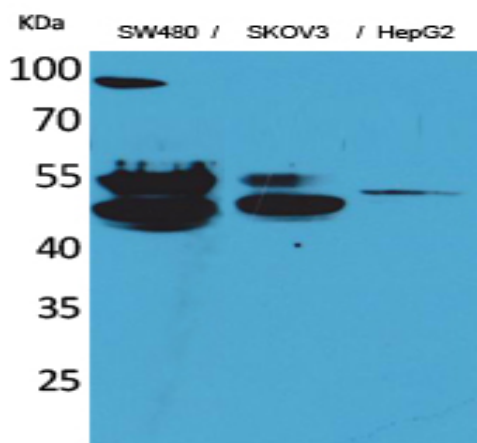
Background : The protein encoded by this gene is a regulator of apoptosis and is structurally similar to caspase-8. However, the encoded protein lacks caspase activity and appears to be itself cleaved into two peptides by caspase-8. Several transcript variants encoding different isoforms have been found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

Function : 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

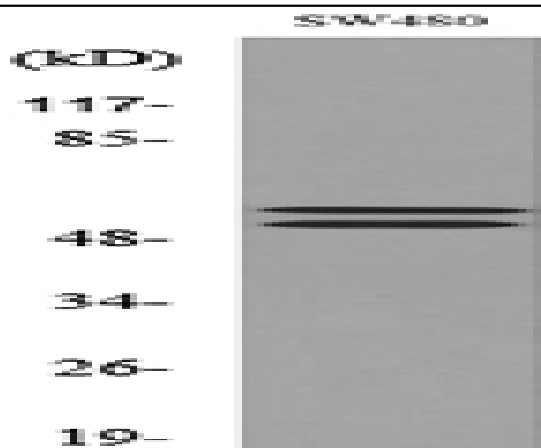
Subcellular Location : cytoplasm,cytosol,death-inducing signaling complex,CD95 death-inducing signaling complex,membrane raft,ripiptosome,

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.

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.