SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-FLIP/AP Conjugated antibody

SL0119R-AP

Product Name	Anti-FLIP/AP
Chinese Name	碱性磷酸酶（AP）标记的凋亡调节基因之一抗体
Alias	CASP8 and FADD-like apoptosis regulator subunit p43; CASP8 and FADD-like apoptosis regulator subunit p43; Flice-like Inhibitory protein; c FLIP; c FLIPL; c FLIPR; c FLIPS; c-FLIP; CASH; CASP8 and FADD like apoptosis regulator; CASP8 and FADD like apoptosis regulator precursor; CASP8AP1; Caspase Eight Related Protein; Caspase homolog; Caspase Homologue; Caspase Like Apoptosis Regulatory Protein; Caspase related inducer of apoptosis; CASPER; Cellular FLICE like inhibitory protein; CFLA; CFLAR; CLARP; FADD like anti apoptotic molecule; FADD Like Anti-apoptotic Molecule 1; FADD-like antiapoptotic molecule 1; FADD like antiapoptotic molecule 1; FADD Like Apoptosis Regulator; FLAME 1; FLAME; FLAME1; FLAME-1; FLICE Inhibitor Protein; FLIP; FLIPs; I FLICE; I-FLICE; Inhibitor of FLICE; Inhibitor of FLICE; MACH Related Inducer of Toxicity; MACH-related inducer of toxicity; mFLIP; MRIT; USURPIN; Usurpin beta; FLICE-like inhibitory protein short form; FLICE-like inhibitory protein long form; CFLAR_HUMAN; Cellular FLICE-like inhibitory protein.
Research Area	Tumour Cell biology Signal transduction Apoptosis
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human,Mouse,Rat(predicted:Dog,Pig,Cow,Rabbit)
Applications	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	43/52kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human CASP8 and FADD-like apoptosis regulator subunit p43
Lsotype	IgG

Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	**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:** 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. **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. **Tissue Specificity:** 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. **Post-translational modifications:** 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. Contains 2 DED (death effector) domains.

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Database links:

Entrez Gene: 8837 Human

Entrez Gene: 12633 Mouse

Entrez Gene: 117279 Rat

Omim: 603599 Human

SwissProt: O15519 Human

SwissProt: O35732 Mouse

Unigene: 390736 Human

Unigene: 336848 Mouse

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

FLIP 参与凋亡的调节。此抗体在长型和短型的 FLIP 异构体中均表达。短型 FLIP 包含 2 个死亡效应基因结构区，同源于 FAS 相关蛋白死亡效应基因结构区。长型 FLIP 包含 1 个附加的 Caspase 样结构区，但是他缺少一个催化部位和在大多数 Caspase 蛋白中形成底物结合束的残基。