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CFLAR Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9123c

Specification

CFLAR Antibody (Center) - Product Information

Application	**FC, IHC-P, WB,E**
Primary Accession	O15519
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**55344**
Antigen Region	**145-174**

CFLAR Antibody (Center) - Additional Information

Gene ID 8837

Other Names
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, FADD-like antiapoptotic molecule 1, FLAME-1, Inhibitor of FLICE, I-FLICE, MACH-related inducer of toxicity, MRIT, Usurpin, CASP8 and FADD-like apoptosis regulator subunit p43, CASP8 and FADD-like apoptosis regulator subunit p12, CFLAR, CASH, CASP8AP1, CLARP, MRIT

Target/Specificity
This CFLAR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 145-174 amino acids from the Central region of human CFLAR.

Dilution
FC~~1:10~50
IHC-P~~1:50~100
WB~~1:1000
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
CFLAR Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

CFLAR Antibody (Center) - 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. 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.

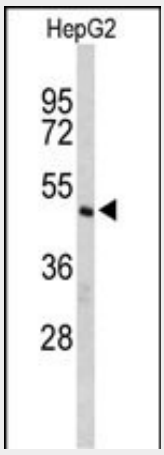
Tissue Location
Widely expressed. Higher expression in skeletal muscle, pancreas, heart, kidney, placenta, and peripheral blood leukocytes. Also detected in diverse cell lines. Isoform 8 is predominantly expressed in testis and skeletal muscle

CFLAR Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CFLAR Antibody (Center) - Images



Western blot analysis of CFLAR Antibody (Center) (Cat. #AP9123c) in HepG2 cell line lysates (35ug/lane). CFLAR (arrow) was detected using the purified Pab.

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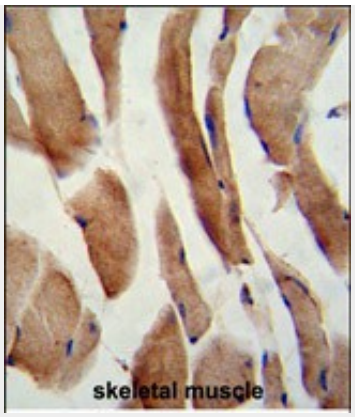
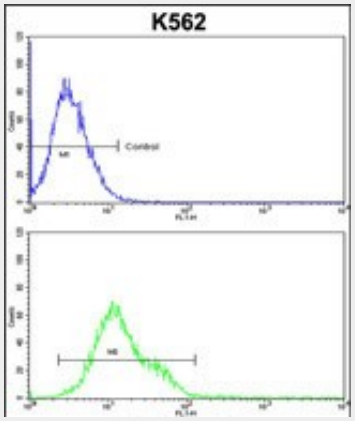


Formalin-fixed and paraffin-embedded human skeletal muscle reacted with CFLAR Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



CFLAR Antibody (Center) (Cat. #AP9123c) flow cytometric analysis of k562 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

CFLAR Antibody (Center) - Background

Apoptosis regulator protein which may function as a crucial link between cell survival and cell death pathways in mammalian cells. It 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. It lacks enzymatic (caspase) activity.

CFLAR Antibody (Center) - References

Kim,T.W., et.al., Science 277 (5324), 373-376 (1997)