

For Research Use Only

# CFLAR/FLIP Polyclonal antibody, PBS Only

Catalog Number: 10394-1-PBS

Featured Product



## Basic Information

### Catalog Number:

10394-1-PBS

### Size:

100ug, Concentration: 1mg/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0593

### GenBank Accession Number:

BC001602

### GeneID (NCBI):

8837

### UNIPROT ID:

O15519

### Full Name:

CASP8 and FADD-like apoptosis regulator

### Calculated MW:

52 kDa

### Observed MW:

20-35 kDa, 50-55 kDa

### Purification Method:

Antigen affinity purification

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Species Specificity:

human, mouse

## Background Information

CFLAR, also named as CASH, CASP8AP1, CLARP, MRIT, Casper, c-FLIP and I-FLICE, belongs to the peptidase C14A family. It is an apoptosis regulator protein which may function as a crucial link between cell survival and cell death pathways in mammalian cells. CFLAR acts as an inhibitor of TNFRSF6 mediated apoptosis. It can be cleaved to be 2 fragments P43 and P12. 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. CFLAR lacks enzymatic (caspase) activity.

## Storage

### Storage:

Store at -80°C.

### Storage Buffer:

PBS only, pH7.3

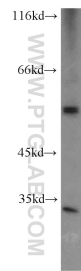
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

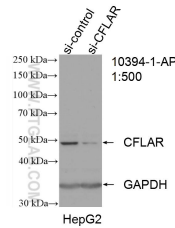
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

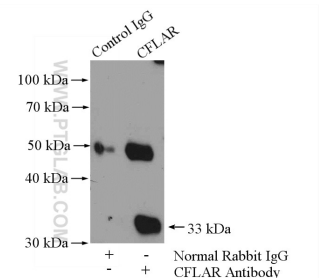
## Selected Validation Data



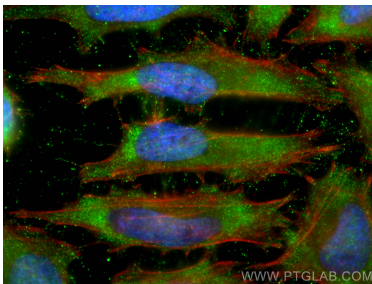
Jurkat cells were subjected to SDS PAGE followed by western blot with 10394-1-AP (CFLAR/FLIP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 10394-1-PBS in a different storage buffer formulation.



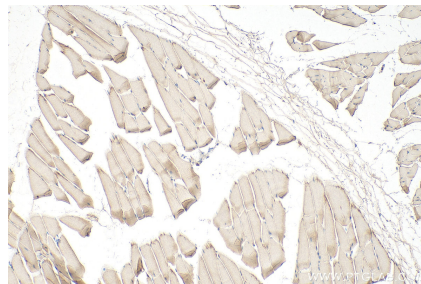
WB result of CFLAR/FLIP antibody (10394-1-AP; 1:500; incubated at room temperature for 1.5 hours) with sh-Control and sh-CFLAR/FLIP transfected HepG2 cells. This data was developed using the same antibody clone with 10394-1-PBS in a different storage buffer formulation.



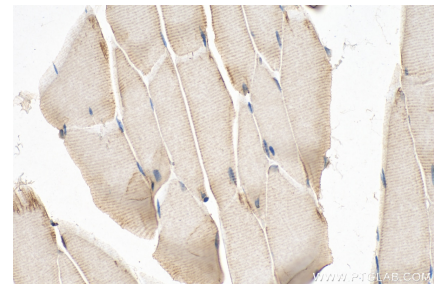
IP result of anti-CFLAR/FLIP (IP:10394-1-AP, 4ug; Detection:10394-1-AP 1:500) with Jurkat cells lysate 4000ug. This data was developed using the same antibody clone with 10394-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CFLAR/FLIP antibody (10394-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 10394-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 10394-1-AP (CFLAR/FLIP antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 10394-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 10394-1-AP (CFLAR/FLIP antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 10394-1-PBS in a different storage buffer formulation.