

## Product datasheet

# Anti-FLIP antibody ab8421

★★★★★ 10 Abreviews 10 References 3 Images

### Overview

<b>Product name</b>	Anti-FLIP antibody
<b>Description</b>	Rabbit polyclonal to FLIP
<b>Host species</b>	Rabbit
<b>Specificity</b>	Recognizes all FLIP splice variants including FLIP alpha, beta, gamma, and delta.
<b>Tested applications</b>	<b>Suitable for:</b> WB, ICC/IF, Flow Cyt, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Synthetic peptide corresponding to Human FLIP aa 2-19. Sequence: SAEVIHQVEEALDTDEKE  (Peptide available as <a href="#">ab8457</a> )

 [Run BLAST with](#)

 [Run BLAST with](#)

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.02% Sodium azide
<b>Purity</b>	Affinity purified
<b>Purification notes</b>	FLIP Antibody is affinity chromatography purified via peptide column.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Light chain type</b>	unknown

### Applications

Our [Abpromise guarantee](#) covers the use of **ab8421** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★☆	1/500 - 1/1000. Predicted molecular weight: 55 kDa. Can be blocked with <a href="#">Human FLIP peptide (ab8457)</a> .
ICC/IF		Use a concentration of 5 µg/ml.
Flow Cyt		Use at an assay dependent concentration. <a href="#">ab171870</a> - Rabbit polyclonal IgG, is suitable for use as an isotype control with this antibody.
IHC-P		Use a concentration of 5 µg/ml.

## Target

### 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 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.

### Sequence similarities

Belongs to the peptidase C14A family.  
Contains 2 DED (death effector) domains.

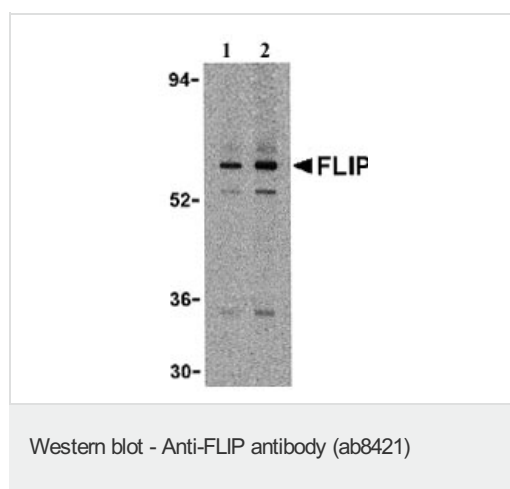
### Domain

The caspase domain lacks the active sites residues involved in catalysis.

### Post-translational modifications

Proteolytically processed; probably by caspase-8. Processing likely occurs at the DISC and generates subunit p43 and p12.

## Images

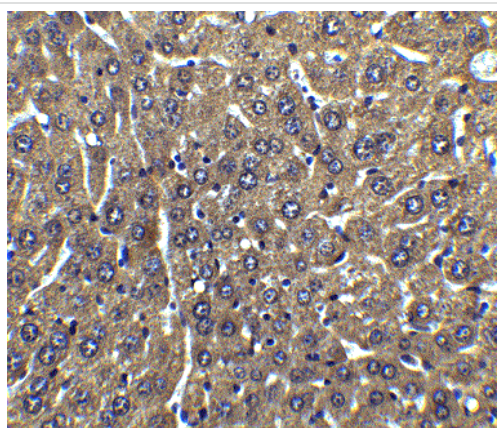


**Lane 1** : Anti-FLIP antibody (ab8421) at 1 µg/ml

**Lane 2** : Anti-FLIP antibody (ab8421) at 2 µg/ml

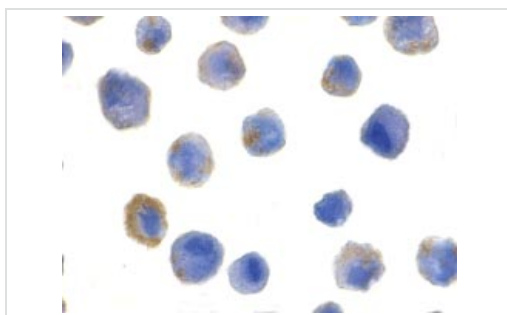
**All lanes** : K562 cell lysate

**Predicted band size:** 55 kDa



Immunohistochemistry of FLIP in mouse liver tissue with FLIP antibody at 5 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FLIP antibody (ab8421)



ab8421 at 5µg/ml staining FLIP in Hela cells by ICC/IF

Immunocytochemistry/ Immunofluorescence - Anti-FLIP antibody (ab8421)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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