ARG54328
anti-FLIP antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes FLIP
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Specificity	This antibody recognizes all human, mouse, and rat FLIP splice variants.
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FLIP
Species	Human
Immunogen	Peptide corresponding to aa 2-18 of human FLIP (accession no. AAC51622). This sequence is identical in all FLIP splice variants.
Conjugation	Un-conjugated
Alternate Names	FLAME1; CASP8AP1; c-FLIPL; FLIP; c-FLIPR; c-FLIPS; MACH-related inducer of toxicity; Inhibitor of FLICE; c-FLIP; CASH; Cellular FLICE-like inhibitory protein; CASP8 and FADD-like apoptosis regulator; Caspase homolog; FLAME; FADD-like antiapoptotic molecule 1; Caspase-eight-related protein; Caspase-like apoptosis regulatory protein; I-FLICE; FLAME-1; MRIT; Casper; Usurpin; CLARP

Application Instructions

Application table

Application	Dilution
ICC/IF	5-20 µg/ml
IHC-P	5-20 µg/ml
WB	1-2 µg/ml

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	HeLa and K562

Properties

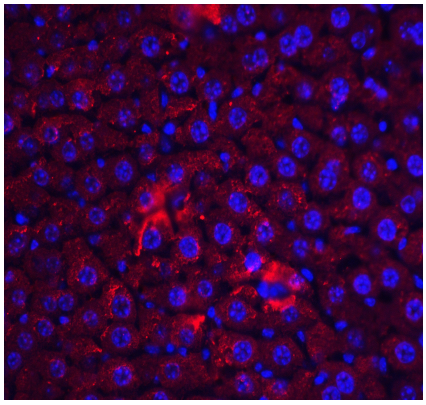
Form	Liquid
Purification	Immunoaffinity chroma-tography
Buffer	PBS (pH 7.4) and 0.02% Sodium azide
Preservative	0.02% Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

	freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

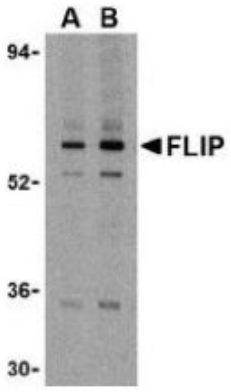
Database links	GeneID: 12633 Mouse GeneID: 8837 Human Swiss-port # O15519 Human Swiss-port # O35732 Mouse
Gene Symbol	CFLAR
Gene Full Name	CASP8 and FADD-like apoptosis regulator
Background	Caspase-8 (FLICE) and -10 (FLICE2) are two pivotal members of the ICE/CED-3 protease family. FLICE-inhibitory proteins have been identified in viruses and human cells and are designated v-FLIPs and FLIP, respectively. Human FLIP was cloned by several independent laboratories and designated Casper, I-FLICE, FLAME-1, CASH, and CLARP. FLIP contains two death effector domains and a caspase-like domain. FLIP interacts with adapter protein FADD and caspase-8 and -10 and potently inhibits apoptosis induced by all known death receptors.
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. [UniProt]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Cell Death antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	55 kDa
PTM	Proteolytically processed; probably by caspase-8. Processing likely occurs at the DISC and generates subunit p43 and p12.

Images



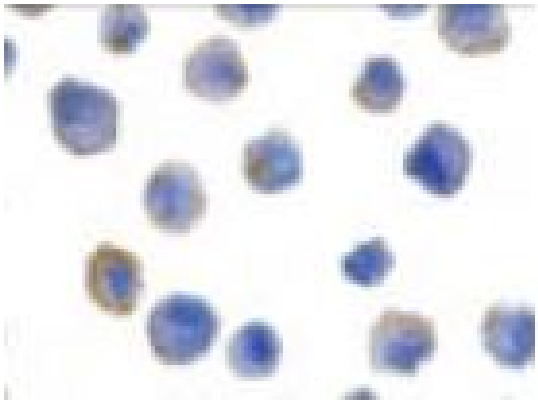
ARG54328 anti-FLIP antibody IHC-P image

Immunohistochemistry: Mouse liver stained with ARG54328 anti-FLIP antibody at 20 µg/ml dilution.



ARG54328 anti-FLIP antibody WB image

Western Blot: 1: K562 with antibody at 1 µg/ml; 2: K562 stained with ARG54328 anti-FLIP antibody at 2 µg/ml dilution.



ARG54328 anti-FLIP antibody ICC/IF image

HeLa stained with ARG54328 anti-FLIP antibody at 5 µg/ml dilution.