

ARG54399 anti-FLIP gamma + delta antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes FLIP gamma + delta
Tested Reactivity	Hu, Ms
Tested Application	ICC/IF, WB
Specificity	This antibody recognizes human FLIP gamma (35kDa) and FLIP delta (25kDa) but not FLIP alpha or FLIP beta.
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FLIP gamma + delta
Species	Human
Immunogen	Peptide corresponding to aa 191-209 at the C-terminus of human FLIP /FLIP S form (accession no. AAC51623).
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	Assay-dependent
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa, Jurkat, THP-1, A431, K562 and NIH/3T3	

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.

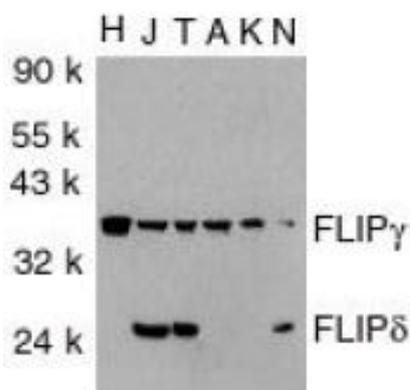
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

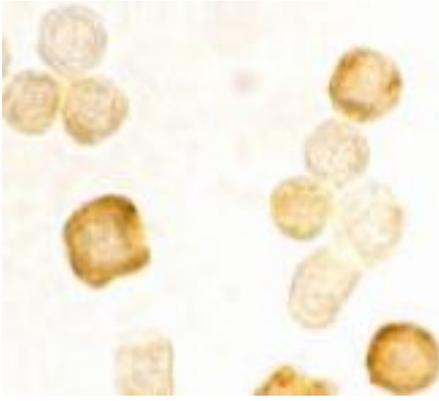
Database links	GeneID: 12633 Mouse GeneID: 8837 Human Swiss-port # O15519 Human Swiss-port # O35732 Mouse
Gene Symbol	CFLAR
Gene Full Name	CASP8 and FADD-like apoptosis regulator
Background	Caspase-8 (FLICE) and -10 (FLICE2) are two pivotal members of the ICE/CED-3 protease family. FLICE-inhibitory proteins 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 potentially inhibits apoptosis induced by death receptors CD95, DR3, TRAIL-R, and TNFR1. Four splice variants of FLIP have been identified and designated FLIP alpha, beta, gamma, and delta.
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	FLIP gamma (35 kDa) and FLIP delta (25 kDa)
PTM	Proteolytically processed; probably by caspase-8. Processing likely occurs at the DISC and generates subunit p43 and p12.

Images



ARG54399 anti-FLIP gamma + delta antibody WB image

Western blot: H:HeLa; J:Jurkat; T:THP-1; A:A431; K:K562; N: NIH3T3 stained with ARG54399 anti-FLIP gamma + delta antibody at 1 μ g/ml dilution.



ARG54399 anti-FLIP gamma + delta antibody ICC/IF image

Immunofluorescence: HeLa stained with ARG54399 anti-FLIP gamma + delta antibody at 2 $\mu\text{g/ml}$ dilution.