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FLIP Rabbit pAb

Catalog # AP99712

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	O15519
Other Accession	O15519
Reactivity	Rat, Human, Mouse
Predicted	Pig, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55344
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CFLIP
Epitope Specificity	1-100/480
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the peptidase C14A family. Contains 2 DED (death effector) domains.
SUBUNIT	TNFRSF6 stimulation triggers recruitment to the death-inducing signaling complex (DISC) formed by TNFRSF6, FADD and caspase-8. A proteolytic fragment (p43) stays associated with the DISC. Also interacts with caspase-10, caspase-3, TRAF1, TRAF2 and Bcl-X(L) (in vitro). Interacts with HBV protein X.
Post-translational modifications	Proteolytically processed; probably by caspase-8. Processing likely occurs at the DISC and generates subunit p43 and p12.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The protein encoded by this gene is a regulator of apoptosis and is structurally similar to caspase-8. However, the encoded protein lacks caspase activity and appears to be itself cleaved into two peptides by caspase-8. Several transcript variants encoding different isoforms have been found for this gene, and partial evidence for several more variants exists. [provided by RefSeq, Feb 2011].

Additional Information

Gene ID	8837
Other Names	CASH; CASP8AP1; CLARP; Casper; FLAME; FLAME-1; FLAME1; FLIP; I-FLICE; MRIT; c-FLIP; c-FLIPL; c-FLIPR; c-FLIPS; cFLIP; 2310024N18Rik; A430105C05Rik; Gm9845; CFLAR_HUMAN; CFLAR; 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; CFLAR_MOUSE; CASP8 and FADD like apoptosis regulator; CASP8 and FADD-like apoptosis regulator

Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

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 (PubMed:31046799). 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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.