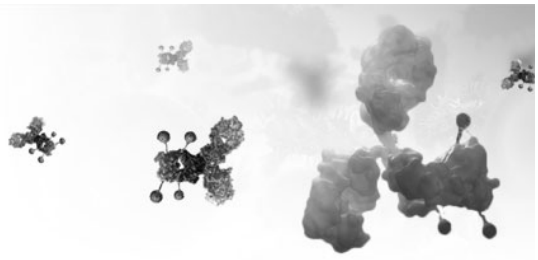

Rabbit Anti-Human FADD Polyclonal Antibody (CABT-L2021)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Fas Associating Death Domain Containing Protein (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against FADD. It has been selected for its ability to recognize FADD in immunohistochemical staining and western blotting.
Target	FADD
Immunogen	Recombinant fragment corresponding to human FADD (Leu7~Glu178)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

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Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags
Warnings	For research use only.

BACKGROUND

Introduction	The protein encoded by this gene is an adaptor molecule that interacts with various cell surface receptors and mediates cell apoptotic signals. Through its C-terminal death domain, this protein can be recruited by TNFRSF6/Fas-receptor, tumor necrosis factor receptor, TNFRSF25, and TNFSF10/TRAIL-receptor, and thus it participates in the death signaling initiated by these receptors. Interaction of this protein with the receptors unmasks the N-terminal effector domain of this protein, which allows it to recruit caspase-8, and thereby activate the cysteine protease cascade. Knockout studies in mice also suggest the importance of this protein in early T cell development. [provided by RefSeq, Jul 2008]
Keywords	GIG3;MORT1;FADD Death Effector Domain;Fas-Associated Protein With Death Domain;Mediator Of Receptor-Induced Toxicity;Growth-Inhibiting Gene 3

GENE INFORMATION

Gene Name	FADD Fas (TNFRSF6)-associated via death domain [Homo sapiens (human)]
Official Symbol	FADD
Synonyms	FADD; Fas (TNFRSF6)-associated via death domain; GIG3; MORT1; FAS-associated death domain protein; growth-inhibiting gene 3 protein; mediator of receptor induced toxicity; mediator of receptor-induced toxicity; Fas-associating protein with death domain; Fas-associating death domain-containing protein;
Entrez Gene ID	8772
Protein Refseq	NP_003815
UniProt ID	Q13158
Chromosome Location	11q13.3
Pathway	Activated TLR4 signalling; Alzheimers disease; Alzheimers Disease; Apoptosis; Apoptosis Modulation and Signaling; Apoptosis Modulation by HSP70; Caspase-8 activation by cleavage; Ceramide signaling pathway;
Function	death effector domain binding; death receptor binding; identical protein binding; protease

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binding; protein binding; protein complex binding; tumor necrosis factor receptor binding; tumor necrosis factor receptor superfamily binding;

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