

Datasheet for ABIN2792110
anti-FADD antibody (C-Term)



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2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	FADD
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FADD antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human FADD
Sequence:	AHLVGALRSC QMNLVADLVQ EVQQARDLQN RSGAMSPMSW NSDASTSEAS
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against FADD. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	FADD
Alternative Name:	FADD (FADD Products)

Target Details

Background: The protein encoded by FADD 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.

Alias Symbols: GIG3, MORT1

Protein Interaction Partner: CFLAR, CASP10, CASP8, ATG5, ATG12, TNF, TRADD, UBC, RIPK1, FAS, TNFSF10, SPOP, TNFRSF1A, MYD88, TNFRSF10A, TNFRSF10B, MKRN1, RIPK3, CUL3, TRAF2, PARK7, FASLG, LRRK2, IKBKKG, BMX, FAF1, EDAR, DAPK1, CLIP3, DAXX, TNFAIP3, MAVS, KHDRBS1, TAB1, EZR, TRIM21, IR

Protein Size: 208

Molecular Weight: 23 kDa

Gene ID: 8772

NCBI Accession: [NM_003824](#), [NP_003815](#)

UniProt: [Q13158](#)

Pathways: [Apoptosis](#), [TLR Signaling](#), [Activation of Innate immune Response](#), [Positive Regulation of Endopeptidase Activity](#), [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 208 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

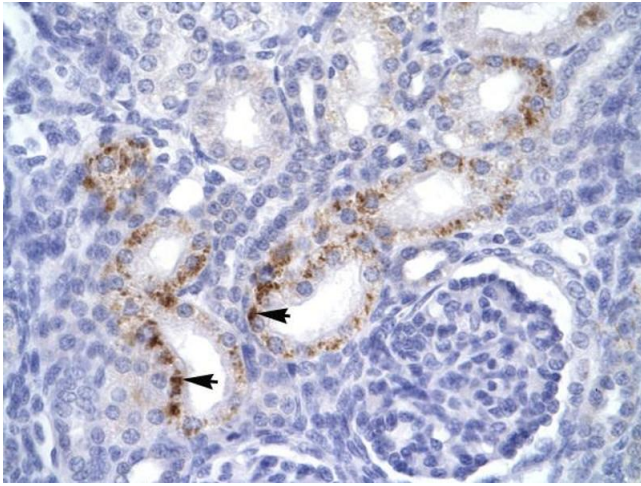
Product cited in:	Thomas, Henson, Reed, Salsbury, Thorburn: "Direct binding of Fas-associated death domain (FADD) to the tumor necrosis factor-related apoptosis-inducing ligand receptor DR5 is regulated by the death effector domain of FADD." in: The Journal of biological chemistry , Vol. 279, Issue 31, pp. 32780-5, (2004) (PubMed).
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Images



Western Blotting

Image 1. WB Suggested Anti-FADD Antibody Titration: 0.2-1 ug/ml Positive Control: Human Thymus



Immunohistochemistry

Image 2. Human kidney