

FADD Antibody(Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19607c

Specification

FADD Antibody(Center) - Product Information

Application	WB,E
Primary Accession	Q13158
Other Accession	NP_003815.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	23279
Antigen Region	106-135

FADD Antibody(Center) - Additional Information

Gene ID 8772

Other Names

FAS-associated death domain protein,
FAS-associating death domain-containing
protein, Growth-inhibiting gene 3 protein,
Mediator of receptor induced toxicity,
Protein FADD, FADD, MORT1

Target/Specificity

This FADD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 106-135 amino acids from the Central region of human FADD.

Dilution

WB~~1:1000

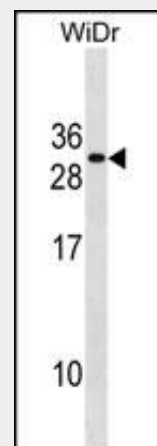
Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions



FADD Antibody (Center) (Cat. #AP19607c) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the FADD antibody detected the FADD protein (arrow).

FADD Antibody(Center) - Background

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.

FADD Antibody(Center) - References

FADD Antibody(Center) is for research use only and not for use in diagnostic or therapeutic procedures.

FADD Antibody(Center) - Protein Information

Name FADD

{ECO:0000303|PubMed:7538907,
ECO:0000312|HGNC:HGNC:3573}

Function

Apoptotic adaptor molecule that recruits caspase-8 or caspase-10 to the activated Fas (CD95) or TNFR-1 receptors (PubMed:<a href="http://www.uniprot.org/citations/7538907"

target="_blank">7538907 ,

PubMed:<a href="http://www.uniprot.org/citations/23955153"

target="_blank">23955153 ,

PubMed:<a href="http://www.uniprot.org/citations/19118384"

target="_blank">19118384 ,

PubMed:<a href="http://www.uniprot.org/citations/20935634"

target="_blank">20935634 ,

PubMed:<a href="http://www.uniprot.org/citations/16762833"

target="_blank">16762833 ,

PubMed:<a href="http://www.uniprot.org/citations/24025841"

target="_blank">24025841). The

resulting aggregate called the death-inducing signaling complex (DISC)

performs caspase-8 proteolytic activation

(PubMed:<a href="http://www.uniprot.org/citations/7538907"

target="_blank">7538907 ,

PubMed:<a href="http://www.uniprot.org/citations/19118384"

target="_blank">19118384 ,

PubMed:<a href="http://www.uniprot.org/citations/20935634"

target="_blank">20935634 ,

PubMed:<a href="http://www.uniprot.org/citations/16762833"

target="_blank">16762833). Active

caspase-8 initiates the subsequent cascade of caspases mediating apoptosis

(PubMed:<a href="http://www.uniprot.org/citations/16762833"

target="_blank">16762833). Involved

in interferon- mediated antiviral immune

response, playing a role in the positive

regulation of interferon signaling

(PubMed:<a href="http://www.uniprot.org/c

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Silva, L.K., et al. Eur. J. Hum. Genet.

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Papoff, G., et al. Biochim. Biophys. Acta

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Ko, C.L., et al. Chang Gung Med J

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itations/21109225"
target="_blank">21109225).

Tissue Location

Expressed in a wide variety of tissues,
except for peripheral blood mononuclear
leukocytes.

FADD Antibody(Center) - Protocols

Provided below are standard protocols that you
may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)