

FADD Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51203

Product Information

Application	WB, ICC, IHC-P
Primary Accession	Q13158
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23279

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
Dilution	WB~1:1000 ICC~N/A IHC-P~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C. Stable for 12 months from date of receipt

Protein Information

Name	FADD {ECO:0000303 PubMed:7538907, ECO:0000312 HGNC:HGNC:3573}
Function	Apoptotic adapter molecule that recruits caspases CASP8 or CASP10 to the activated FAS/CD95 or TNFRSF1A/TNFR-1 receptors (PubMed: 16762833 , PubMed: 19118384 , PubMed: 20935634 , PubMed: 23955153 , PubMed: 24025841 , PubMed: 7538907 , PubMed: 9184224). The resulting aggregate called the death-inducing signaling complex (DISC) performs CASP8 proteolytic activation (PubMed: 16762833 , PubMed: 19118384 , PubMed: 20935634 , PubMed: 7538907 , PubMed: 9184224). Active CASP8 initiates the subsequent cascade of caspases mediating apoptosis (PubMed: 16762833). Involved in interferon-mediated antiviral immune response, playing a role in the positive regulation of interferon signaling (PubMed: 21109225 , PubMed: 24204270).
Cellular Location	Cytoplasm.
Tissue Location	Expressed in a wide variety of tissues, except for peripheral blood mononuclear leukocytes.

Background

Apoptotic adaptor molecule that recruits caspase-8 or caspase-10 to the activated Fas (CD95) or TNFR-1 receptors. The resulting aggregate called the death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation. Active caspase-8 initiates the subsequent cascade of caspases mediating apoptosis. Involved in interferon-mediated antiviral immune response, playing a role in the positive regulation of interferon signaling.

References

- Chinnaiyan A.M.,et al.Cell 81:505-512(1995).
Boldin M.P.,et al.J. Biol. Chem. 270:7795-7798(1995).
Kim J.W.,et al.Submitted (SEP-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Kalinine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.

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