

FADD Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03127
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human FADD. AA range:101-150
Mol wt	23279
Species reactivity	Human
Clonality	Polyclonal
Recommended application	IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	FADD Antibody
Synonyms	FADD; MORT1; GIG3; Protein FADD; FAS-associated death domain protein; FAS-associating death domain-containing protein; Growth-inhibiting gene 3 protein; Mediator of receptor induced toxicity

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by FADD (Fas associated via death domain) 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.

Recommended Dilution

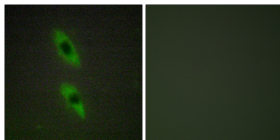
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

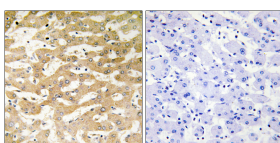
ELISA: 1: 20000

Not yet tested in other applications.

Images



Immunofluorescence analysis of HUVEC cells, using FADD Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue, using FADD Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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