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FADD Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10031

Specification

FADD Antibody - Product Information

Application	**WB**
Primary Accession	Q13158
Other Accession	NM_003824
Reactivity	**Human, Mouse, Rat, Monkey**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**23279**

FADD Antibody - Additional Information

Gene ID 8772

Application & Usage	**Western blot analysis (0.5-4 µg/ml)and can also be used in immunoprecipitation. However, the optimal conditions should be determined individually. The antibody detects an ~28 kDa band, corresponding to the expected molecular mass of FADD on immunoblots.**

Other Names
FAS-associated death domain protein, GIG3, MGC8528, MORT1

Target/Specificity
FADD

Antibody Form
Liquid

Appearance
Colorless liquid

Formulation
100 µg (0.2 mg/ml) affinity purified rabbit anti-FADD polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

Handling
The antibody solution should be gently mixed before use.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
FADD Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

FADD Antibody - 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:7538907, PubMed:23955153, PubMed:19118384, PubMed:20935634, PubMed:16762833, PubMed:24025841). The resulting aggregate called the death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation (PubMed:7538907, PubMed:19118384, PubMed:20935634, PubMed:16762833). Active caspase-8 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).

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

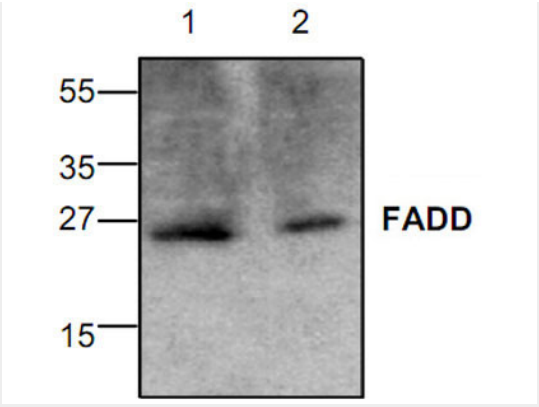
FADD Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FADD Antibody - Images

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Western blot analysis of FADD expression with Jurkat cell lysates (Lane 1, 2).

FADD Antibody - Background

Fas-associating death domain containing protein (FADD), also known as mediator of receptor induced toxicity (MORT1), is a 23 kDa cytosolic protein with an apparent molecular weight of 28 kDa on SDS-PAGE. The protein is involved in both Fas and TNF-R induced cell death pathway. FADD specifically binds to Fas to initiate the apoptotic signalling cascade. Overexpression of FADD induces apoptosis.