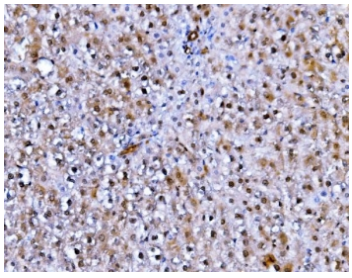
Fadd Antibody (RQ6175)

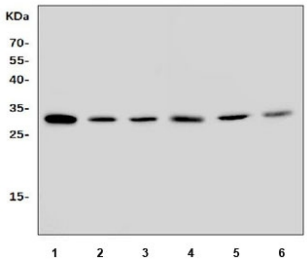
Catalog No.	Formulation	Size
RQ6175	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Rat, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.0125% sodium azide
UniProt	Q8R2E7
Localization	Cytoplasmic, nuclear
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 2-5ug/ml
Limitations	This Fadd antibody is available for research use only.



Immunofluorescent staining of FFPE rat liver cells with Fadd antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) rat brain, 2) rat thymus, 3) rat PC-12, 4) mouse brain, 5) mouse thymus and 6) mouse NIH 3T3 lysate with Fadd antibody. Predicted molecular weight ~23 kDa, commonly observed at 23-28 kDa.

Description

FADD, Fas-Associated protein with Death Domain, is a universal adaptor protein in apoptosis that mediates signaling of all known death domain-containing members of the TNF receptor superfamily. The FADD gene contains 2 exons and spans approximately 3.6 kb. By analysis of somatic cell hybrid panels and by fluorescence in situ hybridization, the FADD gene is mapped to 11q13.3. 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, thus, it participates in the death signaling initiated by these receptors.

Application Notes

Optimal dilution of the Fadd antibody should be determined by the researcher.

Immunogen

Amino acids EKENASVAGLVKALRACRLNLVADLVEEALMAQ from the rat protein were used as the immunogen for the Fadd antibody.

Storage

After reconstitution, the Fadd antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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