

FADD Rabbit pAb

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Catalog # AP94562

Product Information

Application	WB, IHC-P, IHC-F, IF
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FADD
Epitope Specificity	1-80/205
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 death domain. Contains 1 DED (death effector) domain.
SUBUNIT	Can self-associate. Interacts with CFLAR, PEA15 and MBD4. When phosphorylated, part of a complex containing HIPK3 and FAS. May interact with MAVS/IPS1. Interacts with MOCV v-CFLAR protein and LRDD. Interacts (via death domain) with FAS (via death domain). Interacts with CASP8.
DISEASE	The interaction between the FAS and FADD death domains is crucial for the formation of the death-inducing signaling complex (DISC). Defects in FADD are the cause of infections recurrent associated with encephalopathy hepatic dysfunction and cardiovascular malformations (IEHDCM) [MIM:613759]. A condition with biological features of autoimmune lymphoproliferative syndrome such as high-circulating CD4(-)CD8(-)TCR-alpha-beta(+) T-cell counts, and elevated IL10 and FASL levels. Affected individuals suffer from recurrent, stereotypical episodes of fever, encephalopathy, and mild liver dysfunction sometimes accompanied by generalized seizures. The episodes can be triggered by varicella zoster virus (VZV), measles mumps rubella (MMR) attenuated vaccine, parainfluenza virus, and Epstein-Barr virus (EBV).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Predicted to enable several functions, including caspase binding activity; death effector domain binding activity; and tumor necrosis factor receptor superfamily binding activity. Involved in several processes, including hematopoietic or lymphoid organ development; negative regulation of activation-induced cell death of T cells; and positive regulation of CD8-positive, alpha-beta cytotoxic T cell extravasation. Acts upstream of or within extrinsic apoptotic signaling pathway in absence of ligand; motor neuron apoptotic process; and regulation of programmed cell death. Predicted to be located in several cellular components, including cell body; cytosol; and membrane raft. Predicted to be part of CD95 death-inducing signaling complex and ripoptosome. Predicted to be active in cytoplasm. Is expressed in several structures, including alimentary system; brain; genitourinary system; hemolymphoid system gland; and liver and biliary system. Human ortholog(s) of this gene implicated in leukemia. Orthologous

to human FADD (Fas associated via death domain). [provided by Alliance of Genome Resources, Apr 2022]

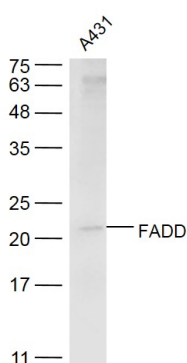
Additional Information

Target/Specificity	Expressed in a wide variety of tissues, except for peripheral blood mononuclear leukocytes.
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

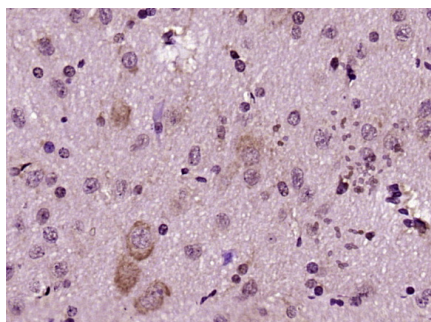
Background

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Images

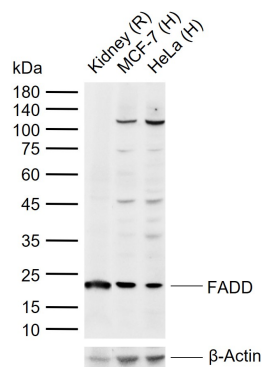
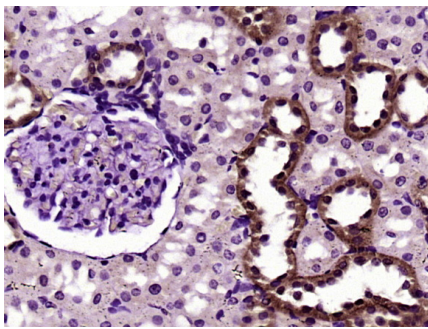


Sample: A431(Human) Cell Lysate at 30 ug Primary:
Anti-FADD (AP94562) at 1/300 dilution Secondary:
IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 23 kD Observed band size: 23 kD



Paraformaldehyde-fixed, paraffin embedded (Rat brain);
Antigen retrieval by boiling in sodium citrate buffer
(pH6.0) for 15min; Block endogenous peroxidase by 3%
hydrogen peroxide for 20 minutes; Blocking buffer
(normal goat serum) at 37°C for 30min; Antibody
incubation with (FADD) Polyclonal Antibody,
Unconjugated (AP94562) at 1:400 overnight at 4°C,
followed by a conjugated secondary antibody (sp-0023)
for 20 minutes and DAB staining.

Paraformaldehyde-fixed, paraffin embedded (Rat kidney);
Antigen retrieval by boiling in sodium citrate buffer
(pH6.0) for 15min; Block endogenous peroxidase by 3%
hydrogen peroxide for 20 minutes; Blocking buffer
(normal goat serum) at 37°C for 30min; Antibody
incubation with (FADD) Polyclonal Antibody,
Unconjugated (AP94562) at 1:400 overnight at 4°C,
followed by a conjugated secondary antibody (sp-0023)
for 20 minutes and DAB staining.



Sample: Lane 1: Rat Kidney tissue lysates Lane 2: Human MCF-7 cell lysates Lane 3: Human HeLa cell lysates
 Primary: Anti-FADD (AP94562) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 23 kDa Observed band size: 23 kDa

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.