ARG65617
anti-FADD antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes FADD.
Tested Reactivity	Hu, Ms
Tested Application	IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FADD
Species	Human
Immunogen	Recombinant protein of Human FADD (NP_003815.1).
Conjugation	Un-conjugated
Alternate Names	Mediator of receptor induced toxicity; MORT1; GIG3; FAS-associated death domain protein; Growth-inhibiting gene 3 protein; Protein FADD; FAS-associating death domain-containing protein

Application Instructions

Application table

Application	Dilution
IP	1:50 - 1:200
WB	1:500 - 1:2000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	HeLa
Observed Size	~ 25 kDa

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

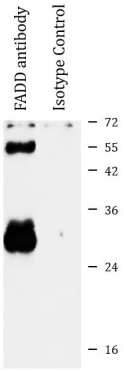
Bioinformation

Database links	GeneID: 14082 Mouse GeneID: 8772 Human Swiss-port # Q13158 Human Swiss-port # Q61160 Mouse
Gene Symbol	FADD
Gene Full Name	Fas (TNFRSF6)-associated via death domain
Background	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, 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. [provided by RefSeq, Jul 2008]
Function	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. [UniProt]
Highlight	Related products: FADD antibodies; Anti-Rabbit IgG secondary antibodies; Related poster download: The NF-kappa B Pathways.pdf
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Cell Death antibody
Calculated Mw	23 kDa

Images

ARG65617 anti-FADD antibody WB image

Western blot: HeLa cell lysate stained with ARG65617 anti-FADD antibody.



ARG65617 anti-FADD antibody IP image

Immunoprecipitation: 200 µg extracts of HeLa cells were immunoprecipitated and stained with ARG65617 anti-FADD antibody at 1:1000 dilution.