

Recombinant Anti-RAIDD Rabbit mAb

Catalog # AP95324

Product Information

Application	WB, FC, IP, IF/IC
Primary Accession	P78560
Reactivity	Human, Rat
Host	Rabbit
Clonality	Monoclonal
Calculated MW	22745

Additional Information

Gene ID	8738
Other Names	RAIDD; Death domain-containing protein CRADD; Caspase and RIP adapter with death domain; RIP-associated protein with a death domain
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human RAIDD protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) FC~~1:10~50 IP~~N/A IF/IC~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

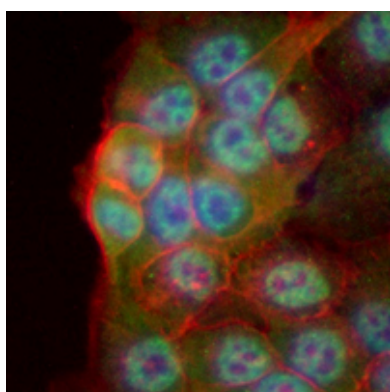
Protein Information

Name	CRADD
Synonyms	RAIDD
Function	Adapter protein that associates with PIDD1 and the caspase CASP2 to form the PIDDosome, a complex that activates CASP2 and triggers apoptosis (PubMed: 15073321 , PubMed: 16652156 , PubMed: 17159900 , PubMed: 17289572 , PubMed: 9044836). Also recruits CASP2 to the TNFR-1 signaling complex through its interaction with RIPK1 and TRADD and may play a role in the tumor necrosis factor-mediated signaling pathway (PubMed: 8985253).
Cellular Location	Cytoplasm {ECO:0000250 UniProtKB:O88843}. Nucleus {ECO:0000250 UniProtKB:O88843}
Tissue Location	Constitutively expressed in most tissues, with particularly high expression in adult heart, testis, liver, skeletal muscle, fetal liver and kidney.

Images



Western blot analysis of RAIDD expression in HeLa (A) whole cell lysates. (Predicted band size: 23 kD; Observed band size: 23 kD)



Immunofluorescent analysis of RAIDD staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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