

RAIDD Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51696

Product Information

Application	WB
Primary Accession	P78560
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22745

Additional Information

Gene ID	8738
Other Names	Death domain-containing protein CRADD, Caspase and RIP adapter with death domain, RIP-associated protein with a death domain, CRADD, RAIDD
Dilution	WB~~1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
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.

Background

Apoptotic adaptor molecule specific for caspase-2 and FASL/TNF receptor-interacting protein RIP. In the presence of RIP and TRADD, CRADD recruits caspase-2 to the TNFR-1 signalling complex.

References

- Ahmad M.,et al.Cancer Res. 57:615-619(1997).
Duan H.,et al.Nature 385:86-89(1997).
Tinel A.,et al.Science 304:843-846(2004).
Vakifahmetoglu H.,et al.Oncogene 25:5683-5692(2006).
Chou J.J.,et al.Cell 94:171-180(1998).

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