

**CRADD Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP18802C**

**Specification**

**CRADD Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P78560</a>
Other Accession	<a href="#">NP_003796.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	22745
Antigen Region	69-98

**CRADD Antibody (Center) - 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

**Target/Specificity**

This CRADD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 69-98 amino acids from the Central region of human CRADD.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

CRADD Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**CRADD Antibody (Center) - 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

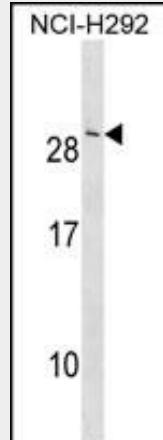
Constitutively expressed in most tissues, with particularly high expression in adult heart, testis, liver, skeletal muscle, fetal liver and kidney.

## CRADD Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## CRADD Antibody (Center) - Images



CRADD Antibody (Center)(Cat. #AP18802c) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the CRADD antibody detected the CRADD protein (arrow).

## CRADD Antibody (Center) - Background

The protein encoded by this gene is a death domain (CARD/DD)-containing protein and has been shown to induce cell apoptosis. Through its CARD domain, this protein interacts with, and thus recruits, caspase 2/ICH1 to the cell death signal transduction complex that includes tumor necrosis factor receptor 1

(TNFR1A), RIPK1/RIP kinase, and numbers of other CARD domain-containing proteins.

#### **CRADD Antibody (Center) - References**

Shimada, M., et al. Hum. Genet. 128(4):433-441(2010)  
Jang, T.H., et al. Biochim. Biophys. Acta 1804(7):1557-1563(2010)  
Davila, S., et al. Genes Immun. 11(3):232-238(2010)  
Zhao, J., et al. BMC Med. Genet. 11, 96 (2010) :  
Heikaus, S., et al. Cell. Oncol. 32 (1-2), 29-42 (2010) :