

CRADD Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP18802c**Specification**

CRADD Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [P78560](#)**CRADD Antibody (Center) Blocking Peptide - 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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CRADD Antibody (Center) Blocking Peptide - 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:9044836, PubMed:15073321, PubMed:16652156, PubMed:17159900, PubMed:17289572). 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CRADD Antibody (Center) Blocking Peptide - Images

CRADD Antibody (Center) Blocking Peptide - Background

The protein encoded by this gene is a death domain(CARD/DD)-containing protein and has been shown to induce cellapoptosis. Through its CARD domain, this protein interacts with,and thus recruits, caspase 2/ICH1 to the cell death signaltransduction complex that includes tumor necrosis factor receptor 1(TNFR1A), RIPK1/RIP kinase, and numbers of other CARDdomain-containing proteins.

CRADD Antibody (Center) Blocking Peptide - 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) :