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KD-Validated Anti-CRADD Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI1399

Specification

KD-Validated Anti-CRADD Rabbit Monoclonal Antibody - Product Information

Application	**WB, FC**
Primary Accession	P78560
Reactivity	**Rat, Human**
Clonality	**Monoclonal**
Isotype	**Rabbit IgG**
Calculated MW	**Predicted, 23 kDa; observed, 21 kDa KDa**
Gene Name	**CRADD**
Aliases	**CRADD; CASP2 And RIPK1 Domain Containing Adaptor With Death Domain; RAIDD; RIP-Associated ICH1/CED3-Homologous Protein With Death Domain; Death Domain-Containing Protein CRADD; RIP-Associated Protein With A Death Domain; Caspase And RIP Adaptor With Death Domain; Caspase And RIP Adapter With Death Domain; Death Domain Containing Protein CRADD; Death Adaptor Molecule RAIDD; CRADD/LYZ Fusion; MRT34**
Immunogen	**A synthesized peptide derived from human RAIDD**

KD-Validated Anti-CRADD Rabbit Monoclonal Antibody - 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

KD-Validated Anti-CRADD Rabbit Monoclonal Antibody - 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:<a

href="http://www.uniprot.org/citations/9044836" target="_blank">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}

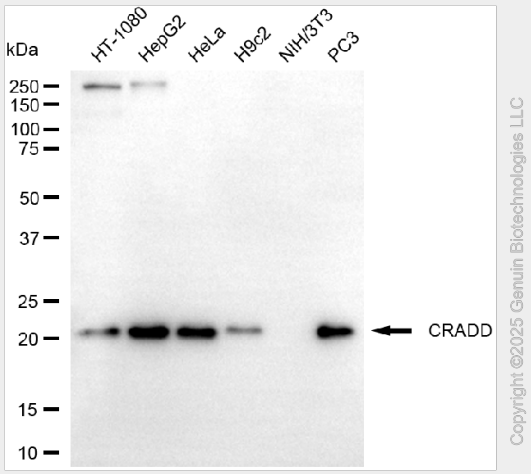
Tissue Location
Constitutively expressed in most tissues, with particularly high expression in adult heart, testis, liver, skeletal muscle, fetal liver and kidney.

KD-Validated Anti-CRADD Rabbit Monoclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KD-Validated Anti-CRADD Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-CRADD antibody (Cat#AGI1399). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CRADD antibody (Cat#AGI1399, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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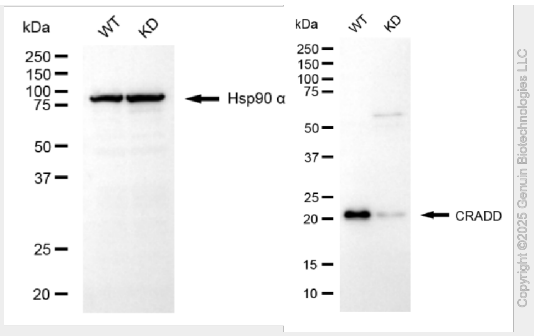
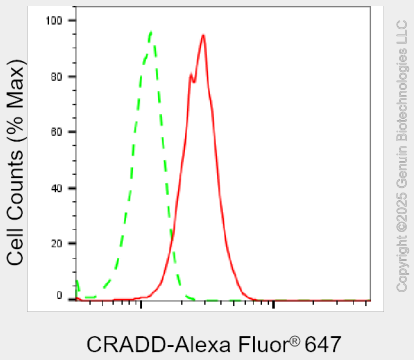


Western blotting analysis using anti-CRADD antibody (Cat#AGI1399). CRADD expression in wild type (WT) and CRADD knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-CRADD antibody (Cat#AGI1399, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of CRADD expression in HepG2 cells using anti-CRADD antibody (Cat#AGI1399, 1:2,000). Green, isotype control; red, CRADD.