

RAIDD Rabbit pAb

RAIDD Rabbit pAb Catalog # AP58318

Product Information

Application WB Primary Accession P78560

Reactivity Rat, Pig, Chicken, Dog, Horse

HostRabbitClonalityPolyclonalCalculated MW22745Physical StateLiquid

Immunogen KLH conjugated synthetic peptide derived from human RAIDD

Epitope Specificity 31-130/199

Isotype IgG

Purity affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

SIMILARITY Contains 1 CARD domain. Contains 1 death domain.

SUBUNIT Interacts with LRDD.

Important Note This product as supplied is intended for research use only, not for use in

human, therapeutic or diagnostic applications.

Background Descriptions 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.

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 Constitutively expressed in most tissues, with particularly high expression in

adult heart, testis, liver, skeletal muscle, fetal liver and kidney.

Dilution WB=1:500-2000

Storage Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When

reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

is stable for at least two weeks at 2-4 °C.

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: <u>17289572</u>, PubMed: <u>9044836</u>). 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:<u>8985253</u>).

Cellular Location Cytoplasm {ECO:0000250 | UniProtKB:088843}. Nucleus

{ECO:0000250 | UniProtKB:088843}

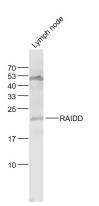
Tissue Location Constitutively expressed in most tissues, with particularly high expression in

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.

Images



Sample:

Lymph node (Mouse) Lysate at 40 ug

Primary: Anti-RAIDD (AP58318) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000

dilution

Predicted band size: 22 kD Observed band size: 22 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.