

RAIDD Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP58318

Specification

RAIDD Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F, IF, E

Primary Accession P78560

Reactivity Rat, Pig, Dog, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 22 KDa
Physical State Liquid

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.

RAIDD Polyclonal 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

Target/Specificity

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

Dilution

WB \sim 1:1000/span><br \><span class</pre>

="dilution_IHC-P">IHC-P~~N/A<br \><span class

="dilution_IHC-F">IHC-F~~N/A<br \><span class

="dilution IF">IF \sim 1:50 \sim 200<br\>E \sim N/A



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.

RAIDD Polyclonal 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: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: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.

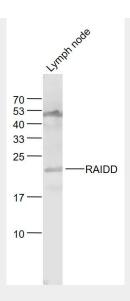
RAIDD Polyclonal Antibody - Protocols

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

RAIDD Polyclonal Antibody - Images





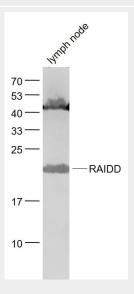
Sample:

Lymph node (Mouse) Lysate at 40 ug

Primary: Anti-RAIDD (bs-5815R) at 1/1000 dilution

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

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



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