

# RAIDD Polyclonal ANTIBODY

Catalog Number: 10401-1-AP

Featured Product

2 Publications

## Basic Information

**Catalog Number:**  
10401-1-AP

**Size:**  
60 µg/150 µl

**Source:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Antigen affinity purification

**Immunogen Catalog Number:**  
AG0630

**GenBank Accession Number:**  
BC017042

**GeneID (NCBI):**  
8738

**Full Name:**  
CASP2 and RIPK1 domain containing adaptor with death domain

**Calculated MW:**  
23 kDa

**Observed MW:**  
23 kDa

**Recommended Dilutions:**

WB 1:500-1:2000

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

IHC 1:20-1:200

## Applications

**Tested Applications:**

IHC, IP, WB, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human,mouse,rat

**Cited Species:**

human, mouse

**Note: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

WB : K-562 cells; HEK-293 cells, HeLa cells, MCF-7 cells, mouse heart tissue, mouse kidney tissue, mouse liver tissue, mouse skeletal muscle tissue, mouse testis tissue, Raji cells

IP : mouse kidney tissue;

IHC : human colon cancer tissue;

## Background Information

RAIDD, also named as CRADD, is an 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. CRADD interacts with BCL10 through its caspase recruitment domain and suppresses interactions between BCL10 and CARMA1. It is a negative regulator of the CARMA1 signalosome and suppressor of Th1- and Th17-mediated inflammatory responses.

## Notable Publications

Author	Pubmed ID	Journal	Application
Huan Qiao	24958727	J Biol Chem	WB
Lin Qing Q	22323537	J Immunol	WB

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

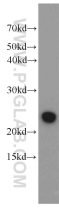
For technical support and original validation data for this product please contact:

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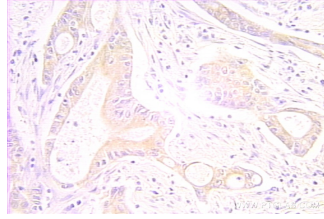
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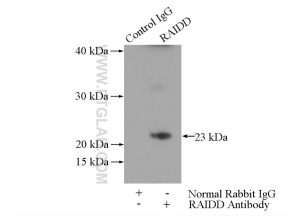
## Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 10401-1-AP(RAIDD antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours



Immunohistochemical of paraffin-embedded human colon cancer using 10401-1-AP(RAIDD antibody) at dilution of 1:100 (under 25x lens)



IP Result of anti-RAIDD (IP:10401-1-AP, 3ug; Detection: 10401-1-AP 1:1000) with mouse kidney tissue lysate 4000ug.