

For Research Use Only

RAIDD Polyclonal antibody

Catalog Number: 10401-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

10401-1-AP

Size:

150UL, Concentration: 800 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

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

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug 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-IHC: 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
Valentina C Sladky	33225610	EMBO Rep	WB
Huan Qiao	24958727	J Biol Chem	WB
Valentina C Sladky	31983631	Dev Cell	WB

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

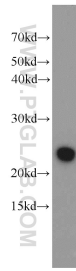
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

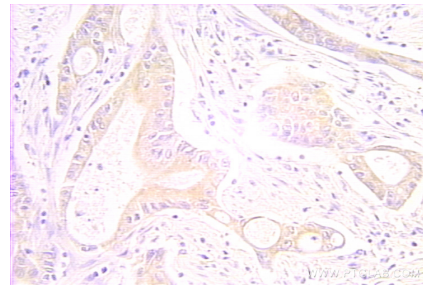
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W: ptglab.com

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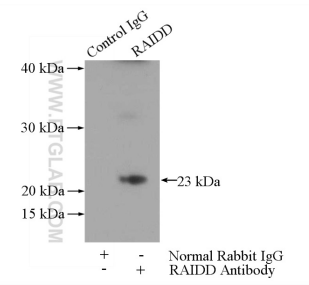
Selected Validation Data



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 analysis 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.