RAIDD Polyclonal ANTIBODY

Catalog Number: 10401-1-AP

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:
GeneID (NCBI):
Full Name:
Calculation MW:
Observed MW:

Recommended Dilutions:
WB: 1:500-1:2000
IP: 0.5-4.0 μg for IP and 1:100-1:2000 for WB
IHC: 1:200

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WB: 1:500-1:2000
IP: 0.5-4.0 μg for IP and 1:100-1:2000 for WB
IHC: 1:200

Applications

Tested Applications:
IHC, IP, WB, ELISA
Cited Applications:
WB
Species Specificity:
human, mouse
Cited Species:
human, mouse

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WB: 1:500-1:2000
IP: 0.5-4.0 μg for IP and 1:100-1:2000 for WB
IHC: 1:200

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Note: suggested antigen retrieval with TE buffer pH 9.6; (*) 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 known 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

<table>
<thead>
<tr>
<th>Author</th>
<th>PubMed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Huan Qiao</td>
<td>24959727</td>
<td>J Biol Chem</td>
<td>WB</td>
</tr>
<tr>
<td>Lin Qing Q</td>
<td>22323537</td>
<td>J Immunol</td>
<td>WB</td>
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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:
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
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.