RSAD2 Polyclonal ANTIBODY
Catalog Number: 11833-1-AP

Basic Information
Catalog Number: 11833-1-AP
Size: 66 μg/150 μl
Source: Rabbit
Isotype: IgG
Purification Method: Antigen affinity purification
Immunogen Catalog Number: AG2409
GeneBank Accession Number: BC017969
GeneID (NCBI): 91543
Full Name: radical S-adenosyl methionine domain containing 2
Calculated MW: 361aa, 42 kDa
Observed MW:

Recommended Dilutions:
WB: 1:500-1:1000
IHC: 1:50-1:500

Applications
Tested Applications: IHC, WB, ELISA
Cited Applications: WB
Species Specificity: mouse, human, 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: mouse lung tissue; rat lung tissue
IHC: human skin tissue

Background Information
RSAD2 (radical S-adenosyl methionine domain-containing protein 2), also known as CIG5 (cytomegalovirus-induced gene 5 protein), vig1, viperin or CIG33, displays antiviral effect against HIV-1 virus, hepatitis C virus, human cytomegalovirus, and aphaviruses. Expression of the protein can be induced by interferon. Western blot analysis of IFNG-treated cells revealed 43 kD/35kd bands.

Notable Publications
<table>
<thead>
<tr>
<th>Author</th>
<th>Pubmed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arti B Dumbrepatil</td>
<td>30972404</td>
<td>J Biol Chem</td>
<td>WB</td>
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<tr>
<td>Kirk J Lubick</td>
<td>20159719</td>
<td>Cell Host Microbe</td>
<td>WB</td>
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<tr>
<td>Jing Ru</td>
<td>25461702</td>
<td>PLoS One</td>
<td>WB</td>
</tr>
</tbody>
</table>

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:
T 1 (888) 4PTGLAB (toll free in USA), or 1 (312) 455-8498 (outside USA)
E proteintech@ptglab.com
W ptglab.com

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mouse lung tissue were subjected to SDS PAGE followed by western blot with 11833-1-AP/RSAD2 antibody at dilution of 1:500 incubated at room temperature for 1.5 hours.

Immunohistochemical analysis of paraffin-embedded human skin using 11833-1-AP/RSAD2 antibody at dilution of 1:50 (under 10x lens)

Immunohistochemical analysis of paraffin-embedded human skin using 11833-1-AP/RSAD2 antibody at dilution of 1:50 (under 40x lens)