

For Research Use Only

# RSAD2 Polyclonal antibody

Catalog Number: 28089-1-AP

Featured Product

19 Publications



## Basic Information

Catalog Number:

28089-1-AP

Size:

900 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG27733

GenBank Accession Number:

BC017969

GeneID (NCBI):

91543

UNIPROT ID:

Q8WVG1

Full Name:

radical S-adenosyl methionine domain containing 2

Calculated MW:

361 aa, 42 kDa

Observed MW:

42 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF, IP

Species Specificity:

Human, mouse

Cited Species:

human, mouse, canine

**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 : fetal human brain tissue, A549 cells, mouse spinal cord tissue

IHC : mouse stomach tissue, human colon tissue

## Background Information

RSAD2 (radical S-adenosyl methionine domain-containing protein 2), also known as CIG5 (cytomegalovirus-induced gene 5 protein), vlg1, 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Sushan Yang	36180831	Cell Mol Biol Lett	WB
Yinglu Li	36206767	Mol Cell	WB
Yuanfeng Wei	34765295	Am J Cancer Res	IHC

## 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:

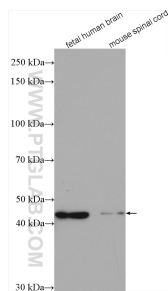
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

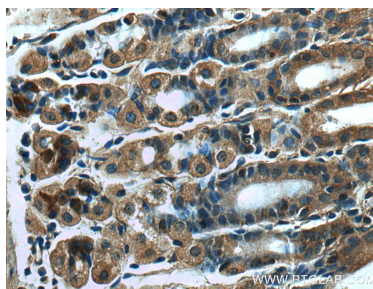
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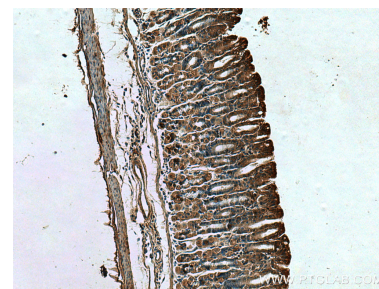
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28089-1-AP (RSAD2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 28089-1-AP (RSAD2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 28089-1-AP (RSAD2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).