

For Research Use Only

# RSAD2 Polyclonal antibody

Catalog Number: 28089-1-AP

Featured Product

20 Publications



## Basic Information

<b>Catalog Number:</b> 28089-1-AP	<b>GenBank Accession Number:</b> BC017969	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 900 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 91543	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8WXG1	
<b>Isotype:</b> IgG	<b>Full Name:</b> radical S-adenosyl methionine domain containing 2	
<b>Immunogen Catalog Number:</b> AG27733	<b>Calculated MW:</b> 361 aa, 42 kDa	
	<b>Observed MW:</b> 42 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB, IHC, IF, IP	<b>WB :</b> fetal human brain tissue, A549 cells, mouse spinal cord tissue
<b>Species Specificity:</b> human, mouse	<b>IHC :</b> mouse stomach tissue, human colon tissue
<b>Cited Species:</b> human, mouse, canine	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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.

## 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

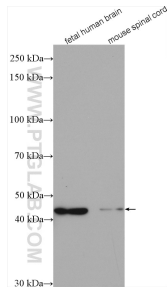
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

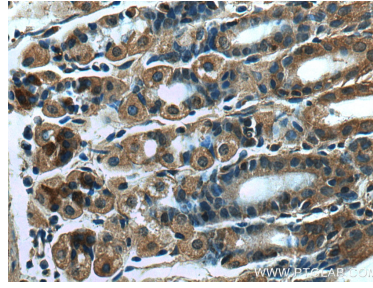
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

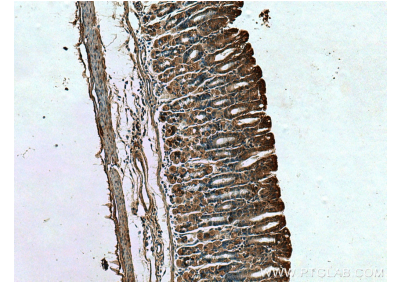
## Selected Validation Data



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).