antibodies - online.com







anti-RSAD2 antibody (AA 42-361)





Overview				
Quantity:	100 μL			
Target:	RSAD2			
Binding Specificity:	AA 42-361			
Reactivity:	Human			
Host:	Rabbit			
Clonality:	Polyclonal			
Conjugate:	This RSAD2 antibody is un-conjugated			
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)			
Product Details				
Immunogen:	Recombinant Human Radical S-adenosyl methionine domain-containing protein 2 protein (42-			
	361AA)			
Isotype:	IgG			
Cross-Reactivity:	Human			
Purification:	Antigen Affinity Purified			
Target Details				
Target:	RSAD2			
Alternative Name:	RSAD2 (RSAD2 Products)			
Background:	Background: Interferon-inducible iron-sulfur (4FE-4S) cluster-binding antiviral protein which			

plays a major role in the cell antiviral state induced by type I and type II interferon. Can inhibit a wide range of DNA and RNA viruses, including human cytomegalovirus (HCMV), hepatitis C virus (HCV), west Nile virus (WNV), dengue virus, sindbis virus, influenza A virus, sendai virus, vesicular stomatitis virus (VSV), and human immunodeficiency virus (HIV-1). Displays antiviral activity against influenza A virus by inhibiting the budding of the virus from the plasma membrane by disturbing the lipid rafts. This is accomplished, at least in part, through binding and inhibition of the enzyme farnesyl diphospate synthase (FPPS), which is essential for the biosynthesis of isoprenoid-derived lipids. Promotes TLR7 and TLR9-dependent production of IFN-beta production in plasmacytoid dendritic cells (pDCs) by facilitating Lys-63\\\'-linked ubiquitination of IRAK1. Plays a role in CD4+ T-cells activation and differentiation. Facilitates Tcell receptor (TCR)-mediated GATA3 activation and optimal T-helper 2 (Th2) cytokine production by modulating NFKB1 and JUNB activities. Can inhibit secretion of soluble proteins. Aliases: 2510004L01Rik antibody, cig 33 antibody, CIG 5 antibody, cig-33 antibody, CIG-5 antibody, CIG33 antibody, CIG5 antibody, Cytomegalovirus induced gene 5 protein antibody, Cytomegalovirus-induced gene 5 protein antibody, endoplasmic reticulum-associated antibody, interferon-inducible antibody, Radical S adenosyl methionine domain containing 2 antibody, Radical S-adenosyl methionine domain-containing protein 2 antibody, RSAD 2 antibody, Rsad2 antibody, RSAD2_HUMAN antibody, RSDA-2 antibody, VIG 1 antibody, vig1 antibody, Viperin antibody, Virus inhibitory protein antibody, virus inhibitory protein endoplasmic reticulum associated interferon inducible antibody

UniProt:

Q8WXG1

Pathways:

Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process,

Production of Molecular Mediator of Immune Response

Application Details

Application Notes: Recommended dilution: WB:1:200-1:1000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format:

Buffer:

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

Preservative:

Sodium azide

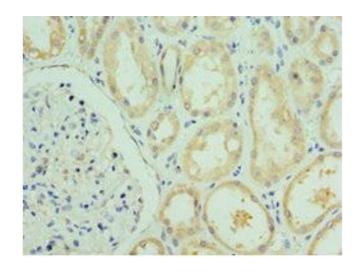
Precaution of Use:

This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

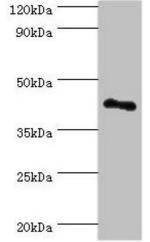
	should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



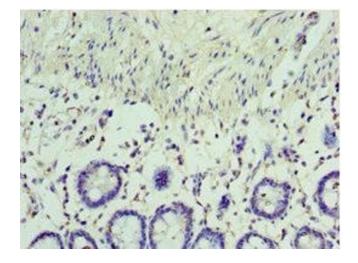
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7167058 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: RSAD2 antibody at 8 μg/mL + Jurkat whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 42 kDa Observed band size: 42 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human colon tissue using ABIN7167058 at dilution of 1:100

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	Please check the product deta	ails page for more images	s. Overall 4 images are available f	or ABIN7167058.