

A8271

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## RSAD2 Rabbit pAb

Catalog No.: A8271

3 Publications

### Basic Information

#### Observed MW

46kDa

#### Calculated MW

42kDa

#### Category

Polyclonal Antibody

#### Applications

WB, IF/ICC, ELISA

#### Cross-Reactivity

Human, Mouse, Rat

### Background

The protein encoded by this gene is an interferon-inducible antiviral protein that belongs to the S-adenosyl-L-methionine (SAM) superfamily of enzymes. The protein plays a role in cellular antiviral response and innate immune signaling. Antiviral effects result from inhibition of viral RNA replication, interference in the secretory pathway, binding to viral proteins and dysregulation of cellular lipid metabolism. The protein has been found to inhibit both DNA and RNA viruses, including influenza virus, human immunodeficiency virus (HIV-1) and Zika virus.

### Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:200

### Immunogen Information

#### Gene ID

91543

#### Swiss Prot

Q8WYG1

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 118-361 of human RSAD2 (NP\_542388.2).

#### Synonyms

SAND; cig5; vig1; cig33; RSAD2

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

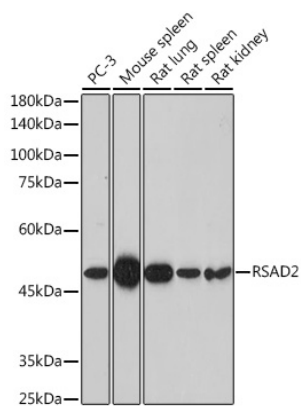
Affinity purification

#### Storage

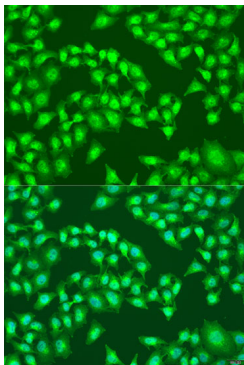
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of various lysates using RSAD2 Rabbit pAb (A8271) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit (RM00021).  
Exposure time: 180s.



Immunofluorescence analysis of U2OS cells using RSAD2 Rabbit pAb (A8271) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.