

### RSAD1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP5262B

### **Specification**

### RSAD1 Antibody (C-term) - Product Information

Application FC, IHC-P, WB,E

**Primary Accession 09HA92** Other Accession O5SUV1 Reactivity Human Predicted Mouse Host Rabbit Clonality **Polyclonal** Isotype Rabbit IgG Calculated MW 48714 Antigen Region 299-328

# RSAD1 Antibody (C-term) - Additional Information

#### **Gene ID 55316**

#### **Other Names**

Radical S-adenosyl methionine domain-containing protein 1, mitochondrial, 1399-, Oxygen-independent coproporphyrinogen-III oxidase-like protein RSAD1, RSAD1

### Target/Specificity

This RSAD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 299-328 amino acids from the C-terminal region of human RSAD1.

#### **Dilution**

FC~~1:10~50 IHC-P~~1:50~100 WB~~1:1000

E~~Use at an assay dependent concentration.

#### **Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

### **Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Precautions**

RSAD1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## RSAD1 Antibody (C-term) - Protein Information





### Name RSAD1

**Function** May be a heme chaperone, appears to bind heme. Homologous bacterial proteins do not have oxygen-independent coproporphyrinogen- III oxidase activity (Probable). Binds 1 [4Fe-4S] cluster. The cluster is coordinated with 3 cysteines and an exchangeable S-adenosyl-L- methionine (By similarity).

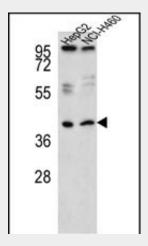
**Cellular Location** Mitochondrion.

# RSAD1 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

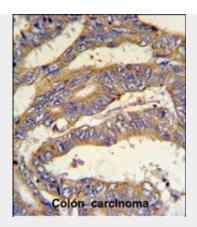
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# RSAD1 Antibody (C-term) - Images

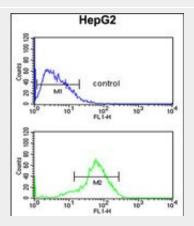


Western blot analysis of RSAD1 Antibody (C-term) (Cat. #AP5262b) in HepG2,NCI-H460 cell line lysates (35ug/lane).RSAD1 (arrow) was detected using the purified Pab.





RSAD1 Antibody (C-term) (Cat. #AP5262b) IHC analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the RSAD1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



RSAD1 Antibody (C-term) (Cat. #AP5262b) flow cytometric analysis of HepG2 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

# RSAD1 Antibody (C-term) - Background

RSAD1 may be involved in porphyrin cofactor biosynthesis.

# RSAD1 Antibody (C-term) - References

Suzuki, Y., et al. Gene 200 (1-2), 149-156 (1997)