

RSAD1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP5262B

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q9HA92
Other Accession	Q5SUV1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB26656
Calculated MW	48714
Antigen Region	299-328

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	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 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.

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.

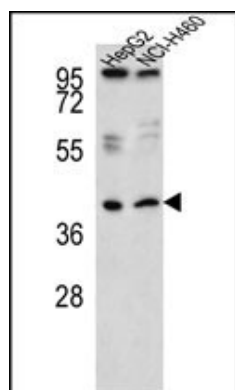
Background

RSAD1 may be involved in porphyrin cofactor biosynthesis.

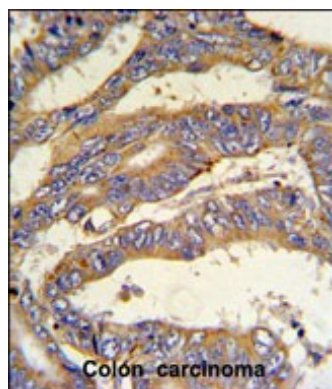
References

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

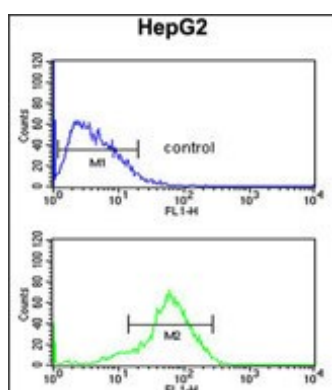
Images



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.