

RSAD1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP53371

Product Information

Application	WB
Primary Accession	Q9HA92
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48714

Additional Information

Gene ID	55316
Other Names	Radical S-adenosyl methionine domain-containing protein 1, mitochondrial, 1.3.99.-, Oxygen-independent coproporphyrinogen-III oxidase-like protein RSAD1, RSAD1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RSAD1. The exact sequence is proprietary.
Dilution	WB~~ 1:1000
Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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

May be involved in porphyrin cofactor biosynthesis.

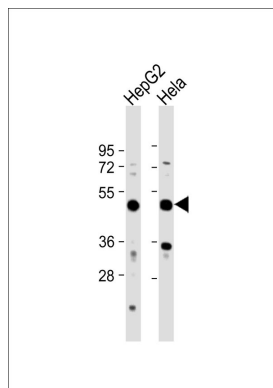
References

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.

Zody M.C.,et al.Nature 440:1045-1049(2006).

Images



All lanes : Anti-RSAD1 Antibody at 1:1000 dilution Lane 1: HepG2 whole cell lysate Lane 2: HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 49 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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