

RSAD1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP53371**Specification**

RSAD1 Antibody - Product Information

Application	WB
Primary Accession	Q9HA92
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49 KDa
Antigen Region	298-347

RSAD1 Antibody - Additional Information**Gene ID** 55316**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

RSAD1 Antibody - 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

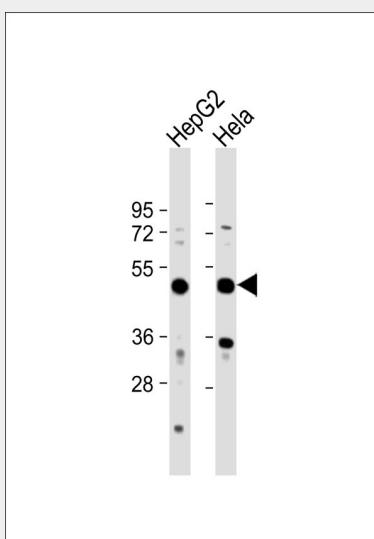
Mitochondrion.

RSAD1 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RSAD1 Antibody - 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.

RSAD1 Antibody - Background

May be involved in porphyrin cofactor biosynthesis.

RSAD1 Antibody - 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).