

RSAD1 Antibody
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50828**Specification**

RSAD1 Antibody - Product Information

Application	WB, IHC
Primary Accession	O9HA92
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49 KDa
Antigen Region	311-342

RSAD1 Antibody - 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

Dilution

WB~~ 1:1000

IHC~~1:50~100

Format

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions

-20°C

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

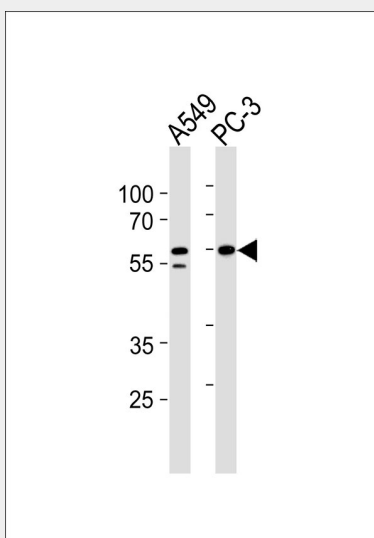
Mitochondrion.

RSAD1 Antibody - Protocols

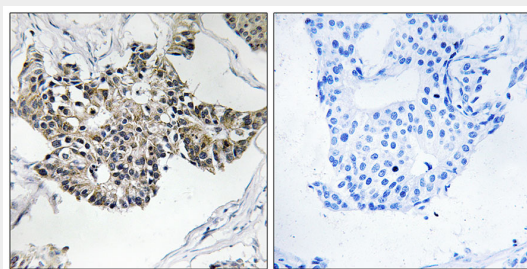
Provided below are standard protocols that you may find useful for product applications.

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

RSAD1 Antibody - Images



Western blot analysis of lysates from A549, PC-3 cell line (from left to right), using RSAD1 Antibody, was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using RSAD1 antibody.

RSAD1 Antibody - Background

May be involved in porphyrin cofactor biosynthesis (By similarity).

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.

