

SART1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50203

Specification

SART1 Antibody - Product Information

Application	WB
Primary Accession	O43290
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	90 KDa
Antigen Region	189-221

SART1 Antibody - Additional Information

Gene ID 9092

Other Names

U4/U6U5 tri-snRNP-associated protein 1, SNU66 homolog, hSnu66, Squamous cell carcinoma antigen recognized by T-cells 1, SART-1, hSART-1, U4/U6U5 tri-snRNP-associated 110 kDa protein, Hom s 1, SART1

Dilution

WB~~ 1:1000

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

SART1 Antibody - Protein Information

Name SART1

Function

Plays a role in mRNA splicing as a component of the U4/U6-U5 tri-snRNP, one of the building blocks of the spliceosome. May also bind to DNA.

Cellular Location

Nucleus. Note=Found in the nucleus of mitogen- activated peripheral blood mononuclear cells (PBMCs), tumor cells, or normal cell lines, but not in normal tissues except testis and fetal liver or in unstimulated PBMCs, suggesting preferential expression in proliferating cells

Tissue Location

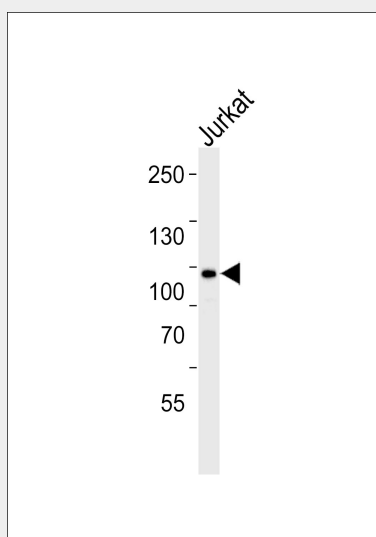
Ubiquitously expressed.

SART1 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](#)

SART1 Antibody - Images



Western blot analysis of lysate from Jurkat cell line, using SART1 Antibody (C19348). C19348 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

SART1 Antibody - Background

Plays a role in mRNA splicing as a component of the U4/U6-U5 tri-snRNP, one of the building blocks of the spliceosome. May also bind to DNA.

SART1 Antibody - References

- Shichijo S., et al. *J. Exp. Med.* 187:277-288(1998).
Makarova O.V., et al. *EMBO J.* 20:2553-2563(2001).
Kalnina N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Suzuki Y., et al. Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.
Taylor T.D., et al. *Nature* 440:497-500(2006).