

**(DANRE) srrt Antibody (C-Term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21599b**

**Specification**

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**(DANRE) srrt Antibody (C-Term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q66I22</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	103274

**(DANRE) srrt Antibody (C-Term) - Additional Information**

**Gene ID** 192311

**Other Names**

Serrate RNA effector molecule homolog, Arsenite-resistance protein 2, srrt, ars2

**Target/Specificity**

This DANRE srrt antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 878-910 amino acids from DANRE srrt.

**Dilution**

WB~~1:2000

**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**

(DANRE) srrt Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**(DANRE) srrt Antibody (C-Term) - Protein Information**

**Name** srrt

**Synonyms** ars2

**Function** Acts as a mediator between the cap-binding complex (CBC) and the primary microRNAs (miRNAs) processing machinery during cell proliferation. Contributes to the stability and delivery

of capped primary miRNA transcripts to the primary miRNA processing complex, thereby playing a role in RNA-mediated gene silencing (RNAi) by miRNAs (By similarity). Independently of its activity on miRNAs, necessary and sufficient to promote neural stem cell self-renewal. Does so by directly binding SOX2 promoter and positively regulating its transcription (By similarity).

#### Cellular Location

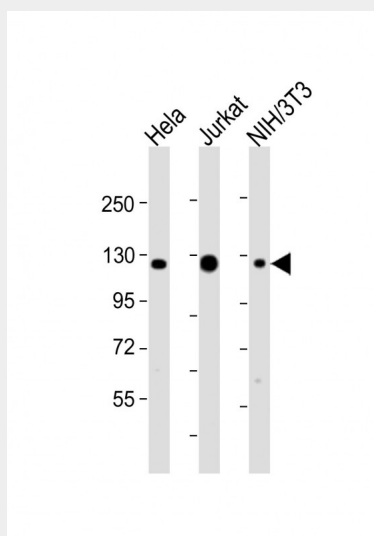
Nucleus, nucleoplasm. Cytoplasm. Note=Predominantly nuclear. Shuttles between the nucleus and the cytoplasm (By similarity).

#### (DANRE) srrt Antibody (C-Term) - 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](#)

#### (DANRE) srrt Antibody (C-Term) - Images



All lanes : Anti-srrt Antibody (C-Term) at 1:2000 dilution Lane 1: HeLa whole cell lysates Lane 2: Jurkat whole cell lysates Lane 3: NIH/3T3 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 103 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

#### (DANRE) srrt Antibody (C-Term) - Background

Acts as a mediator between the cap-binding complex (CBC) and the primary microRNAs (miRNAs) processing machinery during cell proliferation. Contributes to the stability and delivery of capped primary miRNA transcripts to the primary miRNA processing complex, thereby playing a role in RNA-mediated gene silencing (RNAi) by miRNAs (By similarity). Independently of its activity on miRNAs, necessary and sufficient to promote neural stem cell self-renewal. Does so by directly binding SOX2 promoter and positively regulating its transcription (By similarity).

### **(DANRE) srrt Antibody (C-Term) - References**

Golling G.,et al.Nat. Genet. 31:135-140(2002).

Howe K.,et al.Nature 496:498-503(2013).