

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

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21599b

### Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q66I22</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB53166
<b>Calculated MW</b>	103274

### Additional Information

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<b>Gene ID</b>	192311
<b>Other Names</b>	Serrate RNA effector molecule homolog, Arsenite-resistance protein 2, srrt, ars2
<b>Target/Specificity</b>	This DANRE srrt antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 878-910 amino acids from DANRE srrt.
<b>Dilution</b>	WB~~1:2000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	(DANRE) srrt Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

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<b>Name</b>	srrt
<b>Synonyms</b>	ars2
<b>Function</b>	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).

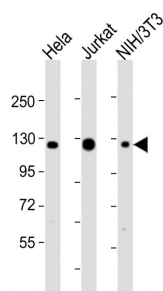
## Background

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).

## References

Golling G.,et al.Nat. Genet. 31:135-140(2002).  
Howe K.,et al.Nature 496:498-503(2013).

## 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.

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