

SF3A1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57618**Specification**

SF3A1 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q15459
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	88886

SF3A1 Polyclonal Antibody - Additional Information**Gene ID** 10291**Other Names**

Splicing factor 3A subunit 1, SF3a120, Spliceosome-associated protein 114, SAP 114, SF3A1, SAP114

Dilution

IHC-P ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
ICC ~ ~ N/A
E ~ ~ N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

SF3A1 Polyclonal Antibody - Protein Information**Name** SF3A1**Synonyms** SAP114**Function**

Component of the 17S U2 SnRNP complex of the spliceosome, a large ribonucleoprotein complex that removes introns from transcribed pre-mRNAs (PubMed: [10882114](http://www.uniprot.org/citations/10882114), PubMed: [11533230](http://www.uniprot.org/citations/11533230), PubMed: [32494006](http://www.uniprot.org/citations/32494006)). The 17S U2 SnRNP complex (1) directly participates in early spliceosome assembly and (2) mediates recognition of the intron branch site during pre-mRNA splicing by promoting the selection of the pre-mRNA branch-site adenosine, the nucleophile for the first step of splicing (PubMed: [10882114](http://www.uniprot.org/citations/10882114), PubMed: [11533230](http://www.uniprot.org/citations/11533230), PubMed: [11533230](http://www.uniprot.org/citations/11533230)).

[32494006](http://www.uniprot.org/citations/32494006)). Within the 17S U2 SnRNP complex, SF3A1 is part of the SF3A subcomplex that contributes to the assembly of the 17S U2 snRNP, and the subsequent assembly of the pre-spliceosome 'E' complex and the pre-catalytic spliceosome 'A' complex (PubMed:[10882114](http://www.uniprot.org/citations/10882114), PubMed:[11533230](http://www.uniprot.org/citations/11533230)). Involved in pre-mRNA splicing as a component of pre-catalytic spliceosome 'B' complexes (PubMed:[29360106](http://www.uniprot.org/citations/29360106), PubMed:[30315277](http://www.uniprot.org/citations/30315277)).

Cellular Location

Nucleus. Nucleus speckle

Tissue Location

Ubiquitously expressed.

SF3A1 Polyclonal 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](#)

SF3A1 Polyclonal Antibody - Images