

# SF3A3 Rabbit mAb

Catalog # AP76286

## Product Information

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Application	WB
Primary Accession	<a href="#">Q12874</a>
Reactivity	Human, Mouse, Rat, Hamster
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	58849

## Additional Information

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Gene ID	10946
Other Names	SF3A3
Dilution	WB~~1/500-1/1000
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

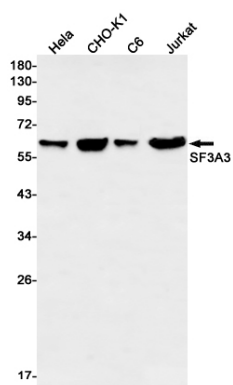
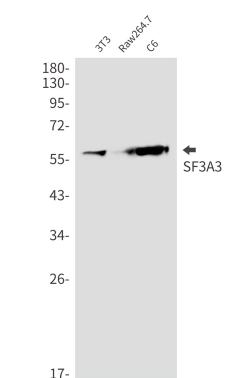
## Protein Information

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Name	SF3A3
Synonyms	SAP61
Function	<p>Component of the 17S U2 SnRNP complex of the spliceosome, a large ribonucleoprotein complex that removes introns from transcribed pre-mRNAs (PubMed:<a href="#">10882114</a>, PubMed:<a href="#">11533230</a>, PubMed:<a href="#">32494006</a>, PubMed:<a href="#">34822310</a>, PubMed:<a href="#">8022796</a>). 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:<a href="#">10882114</a>, PubMed:<a href="#">11533230</a>, PubMed:<a href="#">32494006</a>, PubMed:<a href="#">34822310</a>). Within the 17S U2 SnRNP complex, SF3A3 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:<a href="#">10882114</a>, PubMed:<a href="#">11533230</a>). Involved in pre-mRNA splicing as a component of pre-catalytic spliceosome 'B' complexes (PubMed:<a href="#">29360106</a>, PubMed:<a href="#">30315277</a>).</p>
Cellular Location	Nucleus speckle. Nucleus
Tissue Location	Ubiquitous..

## Images

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