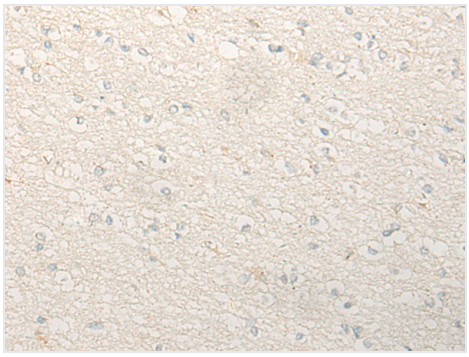
SF3A3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SF3A3, Polyclonal Antibody
Full Product Name	SF3A3 Antibody
Product Gene Name	anti-SF3A3 antibody
Product Synonym Names	PRP9; PRPF9; SAP61; SF3a60
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	In pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen affinity purification
Concentration	0.5mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of total SF3A3 protein.
Preparation and Storage	Store at -20 degree C.
Molecular Weight	58,849 Da
OMIM	U08815 mRNA
3D Structure	ModBase 3D Structure for Q12874
Immunogen	Fusion protein of human SF3A3
Immunogen Type	Protein
Product Categories/Family for anti-SF3A3 antibody	Total protein Ab
Applications Tested/Suitable for anti-SF3A3 antibody	Immunohistochemistry (IHC)
Application Notes for anti-SF3A3 antibody	IF: 1: 20-100
Related Product Information for anti-SF3A3 antibody	This gene encodes subunit 3 of the splicing factor 3a protein complex. The splicing factor 3a heterotrimer includes subunits 1, 2 and 3 and is necessary for the in vitro conversion of 15S U2 snRNP into an active 17S particle that performs pre-mRNA splicing. Subunit 3 interacts with subunit 1 through its amino-terminus while the zinc finger domain of subunit 3 plays a role in its binding to the 15S U2 snRNP. This gene has a pseudogene on chromosome 20. Alternative splicing results in multiple transcript variants.
Other Notes	Small volumes of anti-SF3A3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SF3A3 purchase	MBS9430150 is an antibody targeting SF3A3. Also known as SF3A3 Antibody. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-SF3A3 antibody
The image is immunohistochemistry of paraffin-embedded Human brain tissue using 47088(DZIP1 Antibody) at dilution 1/40. (Original magnification: 200)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SF3A3. It may not necessarily be applicable to this product.

NCBI GI #	38197207
NCBI GeneID	10946
NCBI Accession #	BC002395
UniProt Primary Accession #	Q12874
UniProt Secondary Accession #	Q15460; Q5VT87; D3DPT5
UniProt Related Accession #	Q12874
NCBI Official Full Name	Homo sapiens splicing factor 3a, subunit 3, 60kDa, mRNA
NCBI Official Synonym Full Names	splicing factor 3a subunit 3
NCBI Official Symbol	SF3A3
NCBI Official Synonym Symbols	PRP9; PRPF9; SAP61; SF3a60
UniProt Protein Name	Splicing factor 3A subunit 3
UniProt Synonym Protein Names	SF3a60; Spliceosome-associated protein 61; SAP 61
UniProt Gene Name	SF3A3
UniProt Synonym Gene Names	SAP61; SAP 61
NCBI Protein Information	splicing factor 3A subunit 3
UniProt Comments for SF3A3	Subunit of the splicing factor SF3A required for 'A' complex assembly formed by the stable binding of U2 snRNP to the branchpoint sequence (BPS) in pre-mRNA. Sequence independent binding of SF3A/SF3B complex upstream of the branch site is essential, it may anchor U2 snRNP to the pre-mRNA. May also be involved in the assembly of the 'E' complex.
Research Articles on SF3A3	**1.** The interaction between CSR1 and SF3A3 led to migration of SF3A3 from nucleus to cytoplasm. The cytoplasmic redistribution of SF3A3 significantly reduced the splicing efficiency of epidermal growth factor receptor and platelet-derived growth factor receptor.
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