10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SF3A3 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant SF3A3.
Catalog # AT3837a

Product Information

Application	WB
Primary Accession	Q12874
Other Accession	BC011523
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgM kappa
Clone Names	2E9-2B7
Calculated MW	58849

Additional Information

Gene ID	10946
Other Names	Splicing factor 3A subunit 3, SF3a60, Spliceosome-associated protein 61, SAP 61, SF3A3, SAP61
Target/Specificity	SF3A3 (AAH11523.1, 1 a.a. ~ 501 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	SF3A3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

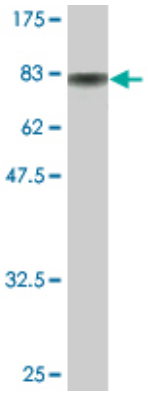
This gene encodes subunit 3 of the splicing factor 3a protein complex. The splicing factor 3a heterotrimer includes subunits 1, 2 and 3 and is necessary for the in vitro conversion of 15S U2 snRNP into an active 17S particle that performs pre-mRNA splicing. Subunit 3 interacts with subunit 1 through 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.

References

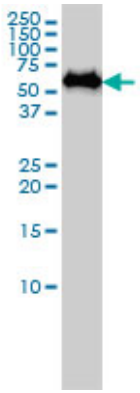
Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID

19615732.Specific inhibition of transcriptional activity of the constitutive androstane receptor (CAR) by the splicing factor SF3a3. Yun HJ, et al. Biol Chem, 2008 Oct. PMID 18713018.Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. Mol Syst Biol, 2007. PMID 17353931.Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. Cell, 2006 Nov 3. PMID 17081983.The DNA sequence and biological annotation of human chromosome 1. Gregory SG, et al. Nature, 2006 May 18. PMID 16710414.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (80.85 KDa) .



SF3A3 monoclonal antibody (M01A), clone 2E9-2B7 Western Blot analysis of SF3A3 expression in A-431 ((Cat # AT3837a)