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

SF3A2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant SF3A2.
Catalog # AT3836a

Product Information

Application	WB, IF
Primary Accession	Q15428
Other Accession	NM_007165
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	3B6
Calculated MW	49256

Additional Information

Gene ID	8175
Other Names	Splicing factor 3A subunit 2, SF3a66, Spliceosome-associated protein 62, SAP 62, SF3A2, SAP62
Target/Specificity	SF3A2 (NP_009096, 112 a.a. ~ 216 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200
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	SF3A2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

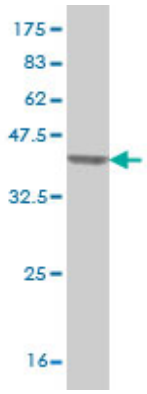
This gene encodes subunit 2 of the splicing factor 3a protein complex. The splicing factor 3a heterotrimer includes subunits 1, 2 and 3 and is necessary for the in vitro conversion of 15S U2 snRNP into an active 17S particle that performs pre-mRNA splicing. Subunit 2 interacts with subunit 1 through its amino-terminus while the single zinc finger domain of subunit 2 plays a role in its binding to the 15S U2 snRNP. Subunit 2 may also function independently of its RNA splicing function as a microtubule-binding protein.

References

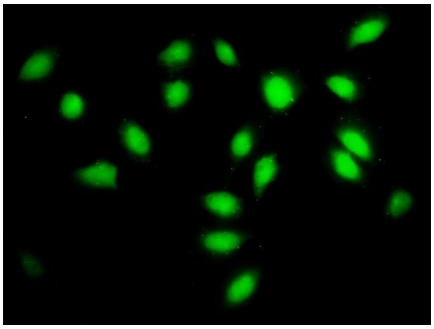
1.Global tumor protein p53/p63 interactome: making a case for cisplatin chemoresistance.Huang Y, Jeong JS,

Okamura J, Sook-Kim M, Zhu H, Guerrero-Preston R, Ratovitski EACell Cycle. 2012 Jun 15;11(12):2367-79. doi: 10.4161/cc.20863. Epub 2012 Jun 15.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.29 KDa) .



Immunofluorescence of monoclonal antibody to SF3A2 on HeLa cell. [antibody concentration 10 ug/ml]

Citations

- p62, Ref(2)P and ubiquitinated proteins are conserved markers of neuronal aging, aggregate formation and progressive autophagic defects.