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

SFRS14 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant SFRS14.
Catalog # AT3845a

Product Information

Application	WB, IHC, IF, E
Primary Accession	Q8IX01
Other Accession	NM_014884
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	3C5
Calculated MW	120207

Additional Information

Gene ID	10147
Other Names	SURP and G-patch domain-containing protein 2, Arginine/serine-rich-splicing factor 14, Splicing factor, arginine/serine-rich 14, SUGP2, KIAA0365, SFRS14
Target/Specificity	SFRS14 (NP_055699, 579 a.a. ~ 674 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 E~~N/A
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	SFRS14 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

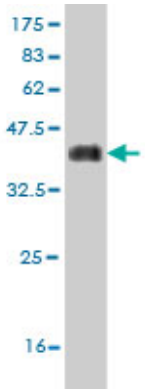
This gene encodes a member of the arginine/serine-rich family of splicing factors. The encoded protein functions in mRNA processing. Alternatively spliced transcript variants have been described.

References

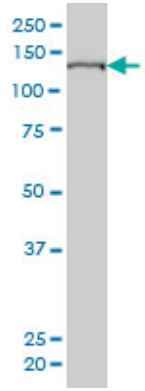
A protein-protein interaction network for human inherited ataxias and disorders of Purkinje cell degeneration. Lim J, et al. Cell, 2006 May 19. PMID 16713569.Phosphoproteome analysis of the human mitotic spindle. Nousiainen M, et al. Proc Natl Acad Sci U S A, 2006 Apr 4. PMID 16565220.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard

DS, et al. Genome Res, 2004 Oct. PMID 15489334.Large-scale characterization of HeLa cell nuclear phosphoproteins. Beausoleil SA, et al. Proc Natl Acad Sci U S A, 2004 Aug 17. PMID 15302935.The DNA sequence and biology of human chromosome 19. Grimwood J, et al. Nature, 2004 Apr 1. PMID 15057824.

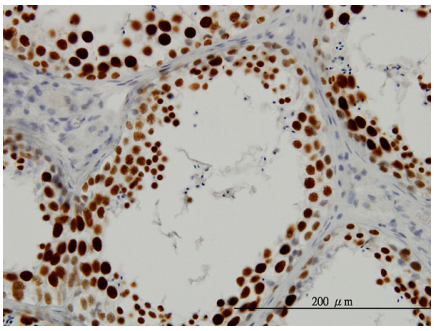
Images



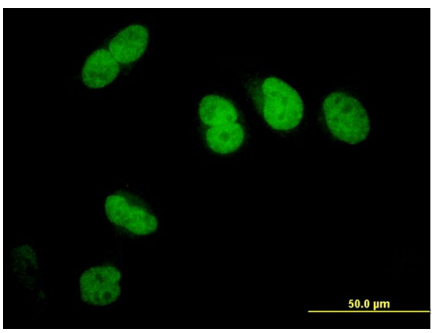
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.3 KDa) .



SFRS14 monoclonal antibody (M01), clone 3C5 Western Blot analysis of SFRS14 expression in Hela S3 NE ((Cat # AT3845a)

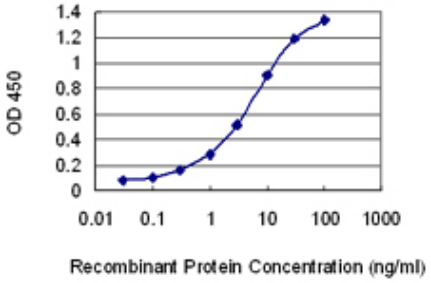


Immunoperoxidase of monoclonal antibody to SFRS14 on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]



Immunofluorescence of monoclonal antibody to SFRS14 on HeLa cell. [antibody concentration 10 ug/ml]

Detection limit for recombinant GST tagged SFRS14 is 0.1 ng/ml as a capture antibody.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.