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

CPSF6 Antibody (monoclonal) (M10)

Mouse monoclonal antibody raised against a partial recombinant CPSF6.
Catalog # AT1613a

Product Information

Application	WB, IF, E
Primary Accession	Q16630
Other Accession	NM_007007
Reactivity	Human, Mouse
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	3F11
Calculated MW	59210

Additional Information

Gene ID	11052
Other Names	Cleavage and polyadenylation specificity factor subunit 6, Cleavage and polyadenylation specificity factor 68 kDa subunit, CFIm68, CPSF 68 kDa subunit, Pre-mRNA cleavage factor Im 68 kDa subunit, Protein HPBRII-4/7, CPSF6, CFIM68
Target/Specificity	CPSF6 (NP_008938, 37 a.a. ~ 136 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 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	CPSF6 Antibody (monoclonal) (M10) is for research use only and not for use in diagnostic or therapeutic procedures.

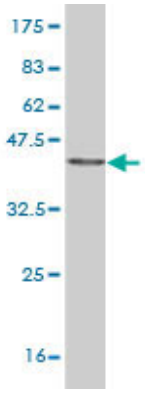
Background

The protein encoded by this gene is one subunit of a cleavage factor required for 3' RNA cleavage and polyadenylation processing. The interaction of the protein with the RNA is one of the earliest steps in the assembly of the 3' end processing complex and facilitates the recruitment of other processing factors. The cleavage factor complex is composed of four polypeptides. This gene encodes the 68kD subunit. It has a domain organization reminiscent of spliceosomal proteins.

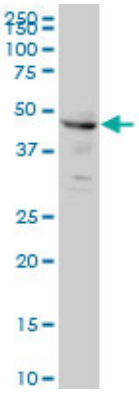
References

1.Evidence that cleavage factor Im is a heterotetrameric protein complex controlling alternative polyadenylation.Kim S, Yamamoto J, Chen Y, Aida M, Wada T, Handa H, Yamaguchi Y.Genes Cells. 2010 Sep 1;15(9):1003-13. Epub 2010 Jul 29.2.Novel snail1 target proteins in human colon cancer identified by proteomic analysis.Larriba MJ, Casado-Vela J, Pendas-Franco N, Pena R, Garcia de Herreros A, Berciano MT, Lafarga M, Casal JI, Munoz A.PLoS One. 2010 Apr 20;5(4):e10221.

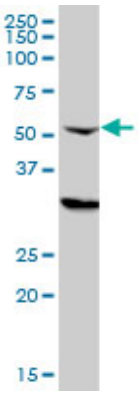
Images



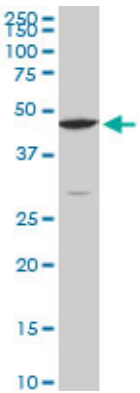
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



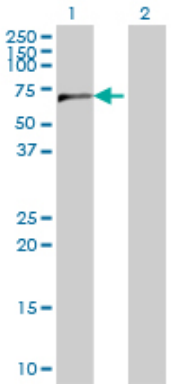
CPSF6 monoclonal antibody (M10), clone 3F11 Western Blot analysis of CPSF6 expression in HeLa ((Cat # AT1613a)



CPSF6 monoclonal antibody (M10), clone 3F11. Western Blot analysis of CPSF6 expression in HL-60 ((Cat # AT1613a)

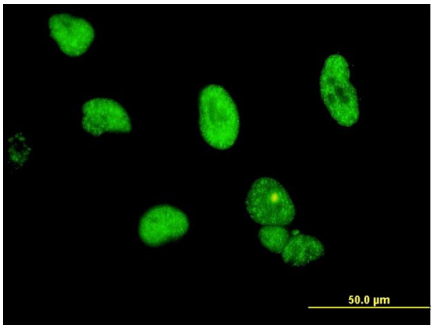


CPSF6 monoclonal antibody (M10), clone 3F11. Western Blot analysis of CPSF6 expression in Raw 264.7((Cat # AT1613a)

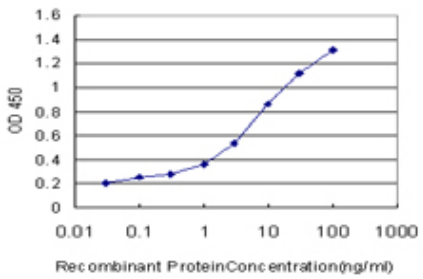


Western Blot analysis of CPSF6 expression in transfected 293T cell line by CPSF6 monoclonal antibody (M10), clone 3F11.

Lane 1: CPSF6 transfected lysate(59.21 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence of monoclonal antibody to CPSF6 on HeLa cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged CPSF6 is approximately 0.03ng/ml as a capture antibody.

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