

For Research Use Only

CPSF6 Recombinant monoclonal antibody, PBS Only

Catalog Number: 88362-1-PBS



Basic Information

Catalog Number: 88362-1-PBS	GenBank Accession Number: BC000714	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 11052	CloneNo.: 260932G12
Source: Rabbit	UNIPROT ID: Q16630	
Isotype: IgG	Full Name: cleavage and polyadenylation specific factor 6, 68kDa	
Immunogen Catalog Number: AG7852	Calculated MW: 59 kDa	
	Observed MW: 55-68 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

The binding of Cleavage factor Im (CFIM), also known as CPSF6, to the pre-mRNA is one of the earliest steps in the assembly of the cleavage and polyadenylation machinery and facilitates the recruitment of other processing factors. CFIM is required for the first step in pre-mRNA 3'-end processing and can be reconstituted in vitro from its heterologously expressed 25- and 68-kDa subunits. It involved in RNA binding, protein-protein interactions, and subcellular localization [PMID:15169763]. In addition, it is a pre-mRNA processing protein that dynamically shuttles between the nucleus and the cytoplasm and contains a C-terminal nuclear-targeting arginine/serine-rich (RS-) domain of the type bound by TNPO3 [PMID:15169763,19864460].

Storage

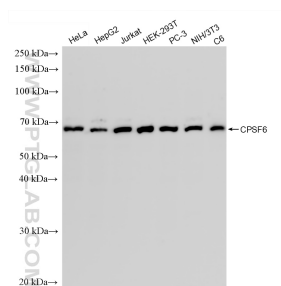
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

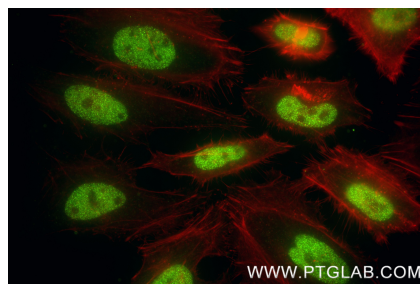
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88362-1-RR (CPSF6 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88362-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CPSF6 antibody (88362-1-RR, Clone: 260932G12) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 88362-1-PBS in a different storage buffer formulation.