

For Research Use Only

CPSF6 Recombinant monoclonal antibody

Catalog Number: 88362-1-RR



Basic Information

Catalog Number: 88362-1-RR	GenBank Accession Number: BC000714	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 11052	CloneNo.: 260932G12
Isotype: IgG	UNIPROT ID: Q16630	Recommended Dilutions: WB: 1:1000-1:4000 IF/ICC: 1:250-1:1000
Immunogen Catalog Number: AG7852	Full Name: cleavage and polyadenylation specific factor 6, 68kDa	
	Calculated MW: 59 kDa	
	Observed MW: 55-68 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : HeLa cells, HepG2 cells, Jurkat cells, HEK-293T cells, PC-3 cells, NIH/3T3 cells, C6 cells
	IF/ICC : HeLa cells,

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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

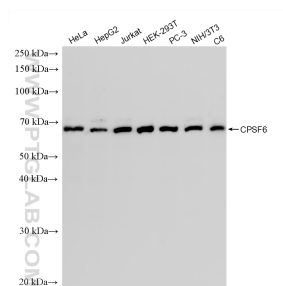
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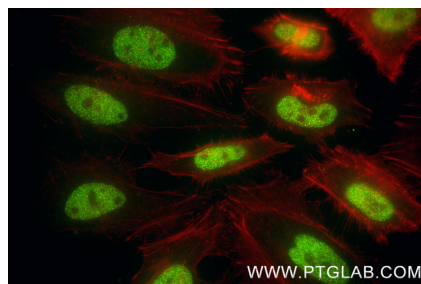
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Selected Validation Data



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.



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).