

For Research Use Only

CPSF7 Recombinant antibody, PBS Only (Capture)

Catalog Number: 85203-1-PBS



Basic Information

Catalog Number: 85203-1-PBS	GenBank Accession Number: NM_001136040	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 79869	CloneNo.: 242644E1
Source: Rabbit	UNIPROT ID: Q8N684	
Isotype: IgG	Full Name: pre-mRNA cleavage factor I, 59 kDa subunit	
	Calculated MW: 56 kDa	
	Observed MW: 52 kDa	

Applications

Tested Applications:
WB, IF/ICC, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human, mouse

Background Information

CPSF7, also named as CPSF59, belongs to the RRM CPSF6/7 family. It probable component of the cleavage factor I_m complex (CFI_m) that plays a key role in pre-mRNA 3' processing. CPSF7 binds to cleavage and polyadenylation RNA substrates (PMID: 15489334). This antibody is specific to CPSF7.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

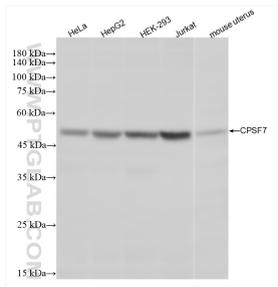
T: 4006900926

E: Proteintech-CN@ptglab.com

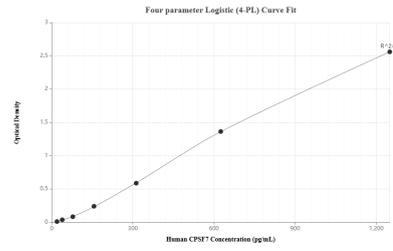
W: ptgcn.com

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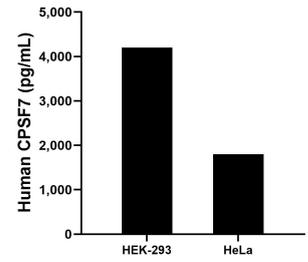
Selected Validation Data



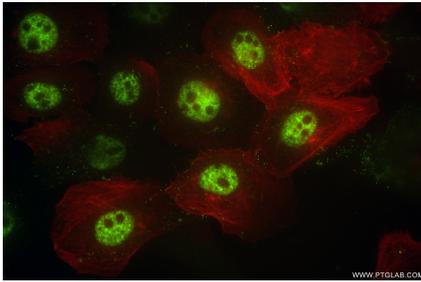
Various lysates were subjected to SDS PAGE followed by western blot with 85203-1-RR (CPSF7 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85203-1-PBS in a different storage buffer formulation.



Sandwich ELISA standard curve of MP01956-1, Human CPSF7 Recombinant Matched Antibody Pair - PBS only. 85203-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard SY01255. 85203-2-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL



The mean CPSF7 concentration was determined to be 4,199.1 pg/mL in HEK-293 cell extract based on a 2.7 mg/mL extract load and 1,800.3 pg/mL in HeLa cell extract based on a 1.5 mg/mL extract load.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CPSF7 antibody (85203-1-RR, Clone: 242644E1) at dilution of 1:500 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 85203-1-PBS in a different storage buffer formulation.