

For Research Use Only

CPSF7 Polyclonal antibody

Catalog Number: 55195-1-AP **2 Publications**



Basic Information

Catalog Number: 55195-1-AP	GenBank Accession Number: NM_001136040	Purification Method: Antigen affinity purification
Size: 600 µg/ml	GeneID (NCBI): 79869	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:50-1:500 IF 1:50-1:500
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, 56 kDa	

Applications

Tested Applications: IF/ICC, IHC, WB, ELISA	Positive Controls: WB : HEK-293 cells, HeLa cells, mouse brain tissue IHC : human gliomas tissue, human skin tissue, human testis tissue IF : A431 cells,
Cited Applications: WB, IF, CoIP	
Species Specificity: human, mouse, rat	
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

CPSF7, also named as CPSF59, belongs to the RRM CPSF6/7 family. It probable component of the cleavage factor Im complex (CFIm) 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.

Notable Publications

Author	Pubmed ID	Journal	Application
Zhijie Hu	36073763	J Mol Cell Biol	CoIP
Susu Liu	37777964	Cell Rep	WB,IF

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

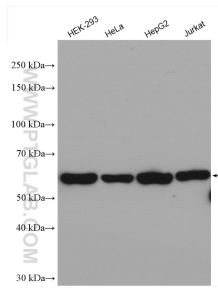
T: 4006900926

E: Proteintech-CN@ptglab.com

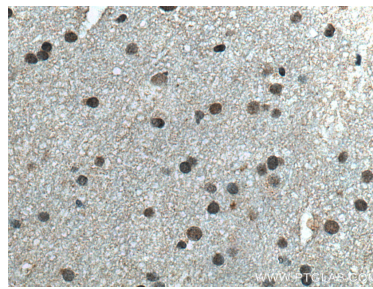
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

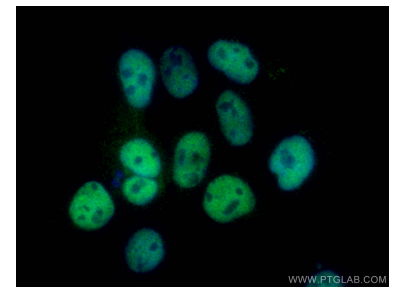
Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 55195-1-AP (CPSF7 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 55195-1-AP (CPSF7 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CPSF7 antibody (55195-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).