

For Research Use Only

# CPSF7 Polyclonal antibody

Catalog Number: 55195-1-AP

4 Publications



## Basic Information

### Catalog Number:

55195-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_001136040

### GeneID (NCBI):

79869

### UNIPROT ID:

Q8N684

### Full Name:

pre-mRNA cleavage factor I, 59 kDa subunit

### Calculated MW:

56 kDa

### Observed MW:

52 kDa, 56 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### 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**

### Positive Controls:

WB: HEK-293 cells, HeLa cells, mouse brain tissue

IHC: human gliomas tissue, human skin tissue, human testis tissue

IF/ICC: A431 cells,

## 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
Yanqiang Li	38906115	Mol Cell	WB
Yong Ge	38416782	PLoS Pathog	

## 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

\*\*\* 20ul sizes contain 0.1% BSA

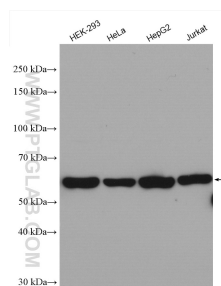
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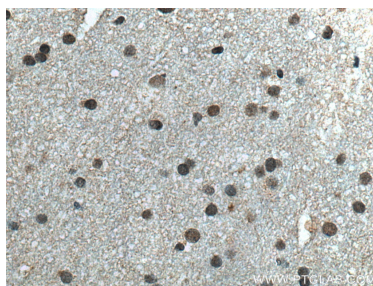
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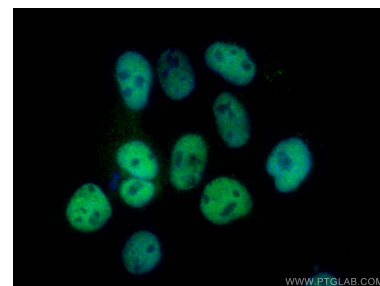
## Selected Validation Data



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 Goat Anti-Rabbit IgG(H+L).