

For Research Use Only

CPSF7 Polyclonal antibody

Catalog Number: 55195-1-AP

5 Publications



Basic Information

Catalog Number:

55195-1-AP

Concentration:

600 µg/ml

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
Xin Lu	39951376	Cell Rep	WB
Yanqiang Li	38906115	Mol Cell	WB

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:

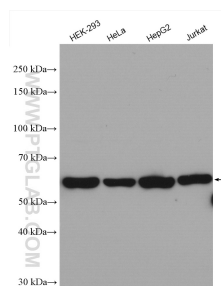
T: 4006900926

E: Proteintech-CN@ptglab.com

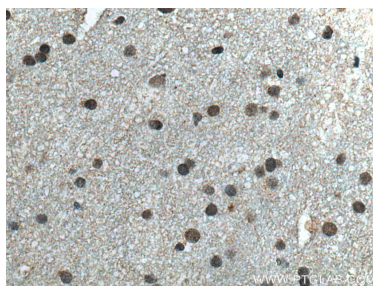
W: ptgcn.com

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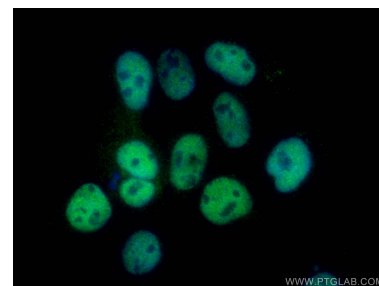
Selected Validation Data



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).