

For Research Use Only

# CPSF2 Polyclonal antibody

Catalog Number: 17739-1-AP **2 Publications**



## Basic Information

**Catalog Number:**

17739-1-AP

**Size:**

150ul , Concentration: 450 ug/ml by Nanodrop and 307 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG11950

**GenBank Accession Number:**

BC070095

**GeneID (NCBI):**

53981

**UNIPROT ID:**

Q9P2I0

**Full Name:**

cleavage and polyadenylation specific factor 2, 100kDa

**Calculated MW:**

782 aa, 88 kDa

**Observed MW:**

100 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:4000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF/ICC 1:20-1:200

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, IP, ELISA

**Cited Applications:**

WB, ColP

**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 :** HeLa cells, human brain tissue, mouse brain tissue

**IP :** HeLa cells,

**IHC :** human brain tissue,

**IF/ICC :** HepG2 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Geneva R LaForce	35139363	Neuron	ColP
Peng Lin	38503731	Cell Discov	WB

## 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

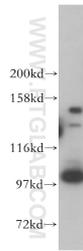
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

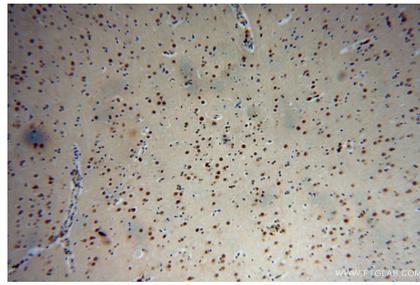
E: proteintech@ptglab.com  
W: ptglab.com

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

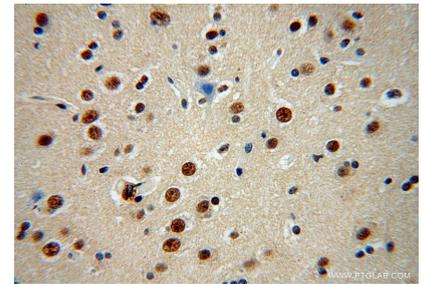
## Selected Validation Data



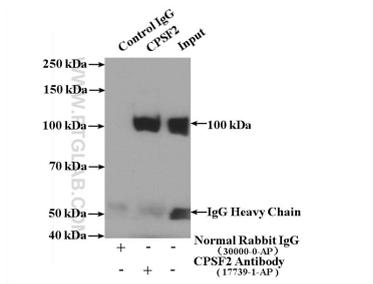
HeLa cells were subjected to SDS PAGE followed by western blot with 17739-1-AP (CPSF2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



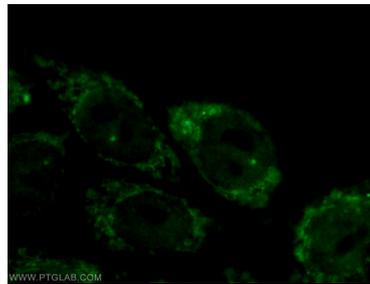
Immunohistochemical analysis of paraffin-embedded human brain using 17739-1-AP (CPSF2 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain using 17739-1-AP (CPSF2 antibody) at dilution of 1:100 (under 40x lens).



IP result of anti-CPSF2 (IP:17739-1-AP, 4 $\mu$ g; Detection:17739-1-AP 1:1000) with HeLa cells lysate 4000 $\mu$ g.



Immunofluorescent analysis of HepG2 cells using 17739-1-AP (CPSF2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).