

For Research Use Only

CstF-64 Polyclonal antibody

Catalog Number: 26825-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number:

26825-1-AP

Size:

700 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25254

GenBank Accession Number:

BC017712

GeneID (NCBI):

1478

UNIPROT ID:

P33240

Full Name:

cleavage stimulation factor, 3' pre-RNA, subunit 2, 64kDa

Calculated MW:

61 kDa

Observed MW:

64 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

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

IHC 1:50-1:500

IF 1:50-1:500

Applications

Tested Applications:

WB, IP, IF/ICC, IHC, ELISA

Cited Applications:

WB, IF, IHC, CoIP

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse

Positive Controls:

WB: COLO 320 cells, HeLa cells, mouse brain tissue, mouse testis tissue

IP: HeLa cells,

IHC: human breast cancer tissue,

IF: HepG2 cells,

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

Cleavage stimulation factor 64 kDa subunit is a protein that in humans is encoded by the CSTF2 gene. This gene encodes a nuclear protein with an RRM (RNA recognition motif) domain. The protein is a member of the cleavage stimulation factor (CSTF) complex that is involved in the 3' end cleavage and polyadenylation of pre-mRNAs. Specifically, this protein binds GU-rich elements within the 3'-untranslated region of mRNAs.

Notable Publications

Author	Pubmed ID	Journal	Application
Ziqian Min	36444304	iScience	
Zhimin Chen	35875122	Front Oncol	IHC
Rahul Neupane	35134608	Biochem Biophys Res Commun	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:

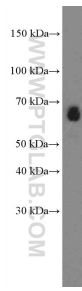
T: 4006900926

E: Proteintech-CN@ptglab.com

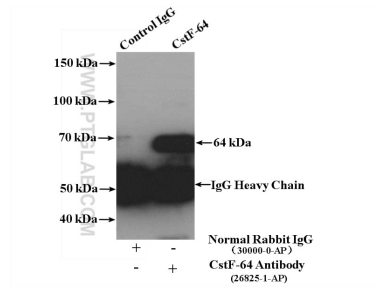
W: ptgcn.com

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

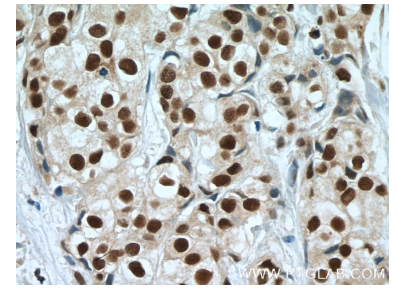
Selected Validation Data



COLO 320 cells were subjected to SDS PAGE followed by western blot with 26825-1-AP (CstF-64 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



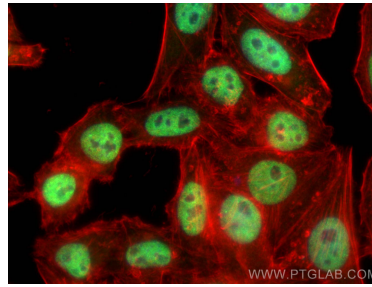
IP result of anti-CstF-64 (IP:26825-1-AP, 4ug; Detection:26825-1-AP 1:300) with HeLa cells lysate 2900ug.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 26825-1-AP (CstF-64 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 HepG2 cells using 26825-1-AP (CstF-64 antibody) at dilution of 1:150 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CstF-64 antibody (26825-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).