

For Research Use Only

CSTF1 Polyclonal antibody

Catalog Number: 15537-1-AP



Basic Information

Catalog Number:

15537-1-AP

Size:

150ul , Concentration: 350 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7874

GenBank Accession Number:

BC007425

GeneID (NCBI):

1477

Full Name:

cleavage stimulation factor, 3' pre-RNA, subunit 1, 50kDa

Calculated MW:

48 kDa

Observed MW:

50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IF 1:50-1:500

Applications

Tested Applications:

IF, IP, WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, HEK-293T cells, A549 cells

IP : HeLa cells,

IF : HeLa cells,

Background Information

Cleavage stimulation factor (CstF), a heterotrimeric protein with subunits of 77, 64, and 50 kD (CstF-77, -64, and -50), is a polyadenylation factor that helps to specify the site of processing. CstF recognizes the G+U-rich element, a sequence located downstream of the cleavage site. CstF-50 unit interacts with the COOH-terminal domain of the RNAP II largest subunit (CTD).

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

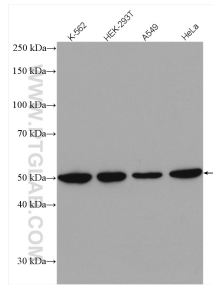
For technical support and original validation data for this product please contact:

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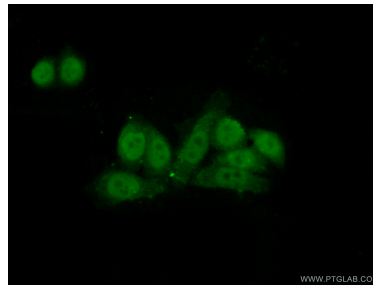
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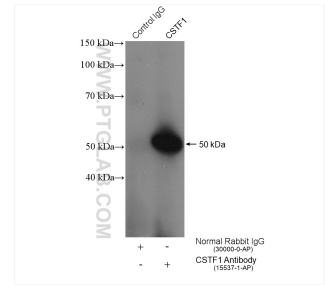
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15537-1-AP (CTF1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 15537-1-AP (CTF1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP result of anti-CTF1(IP:15537-1-AP, 4ug; Detection:15537-1-AP 1:500) with HeLa cells lysate 680 ug.