

For Research Use Only

CSTF1 Polyclonal antibody

Catalog Number: 10064-2-AP

6 Publications



Basic Information

Catalog Number:

10064-2-AP

Size:

150ul, Concentration: 900 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0109

GenBank Accession Number:

BC001011

GeneID (NCBI):

1477

UNIPROT ID:

Q05048

Full Name:

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

Calculated MW:

48.3 kDa

Observed MW:

50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

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

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB : HeLa cells, K-562 cells

IP : NIH/3T3 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 subunit interacts with the COOH-terminal domain of the RNAP II largest subunit (CTD). This subunit may be responsible for the interaction of CSTF with other factors to form a stable complex on the pre-mRNA, and multiple WD domains are required for protein interactions.

Notable Publications

Author	Pubmed ID	Journal	Application
J Dai	26311342	Andrology	
Patricia Uguen	12941705	EMBO J	WB
Ziqian Min	36444304	iScience	

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

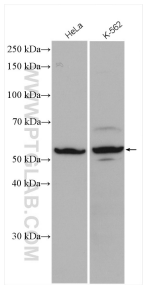
For technical support and original validation data for this product please contact:

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

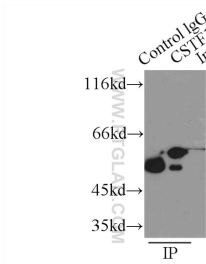
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10064-2-AP (CSTF1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-CSTF1 (IP:10064-2-AP, 2ug; Detection:10064-2-AP 1:500) with NIH/3T3 cells lysate 2500ug.