

For Research Use Only

CstF-64 Polyclonal antibody

Catalog Number: 26825-1-AP **2 Publications**



Basic Information

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| Catalog Number: 26825-1-AP | GenBank Accession Number: BC017712 | Purification Method: Antigen affinity purification |
| Size: 150ul, Concentration: 700 µg/ml by Nanodrop and 433 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 1478 | Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB |
| Source: Rabbit | Full Name: cleavage stimulation factor, 3' pre-RNA, subunit 2, 64kDa | IHC 1:50-1:500 IF 1:50-1:500 |
| Isotype: IgG | Calculated MW: 61 kDa | |
| Immunogen Catalog Number: AG25254 | Observed MW: 64 kDa | |

Applications

| | |
|---|--|
| Tested Applications: IF, IHC, IP, WB, ELISA | Positive Controls: |
| Cited Applications: CoIP, IF | WB: COLO 320 cells, HeLa cells, mouse brain tissue, mouse testis tissue |
| Species Specificity: human, mouse, rat | IP: HeLa cells, |
| Cited Species: human | 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 |
|------------------|-----------|----------------------------|-------------|
| Rahul Neupane | 35134608 | Biochem Biophys Res Commun | IF |
| Geneva R LaForce | 35139363 | Neuron | CoIP |

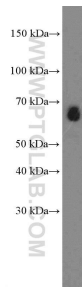
Storage

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

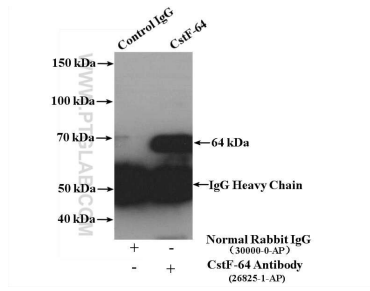
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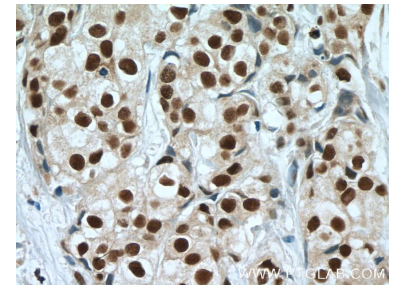
Selected Validation Data



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).